

Figure 1A-Nesfatin-1

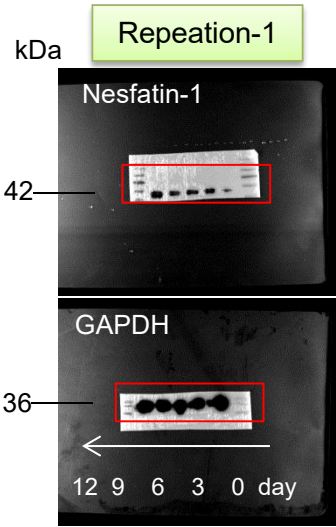


Figure 1D-Nesfatin-1

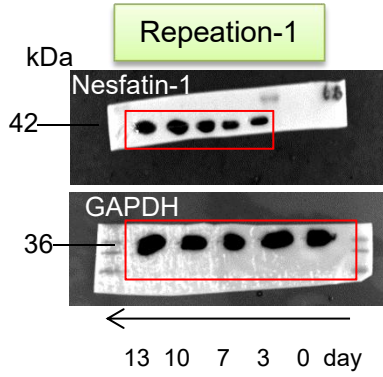


Figure 1G-Nesfatin-1

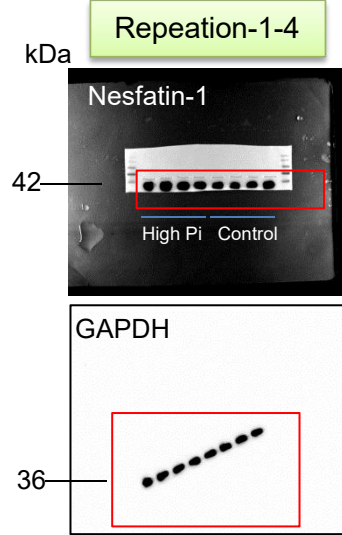


Figure 1J-Nesfatin-1

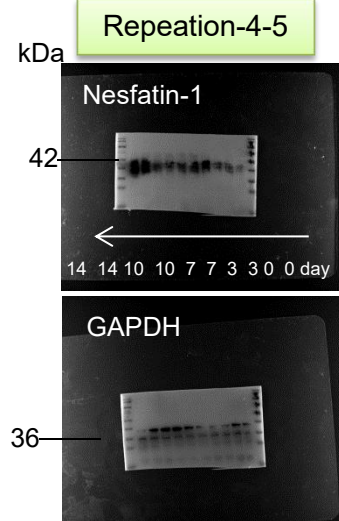
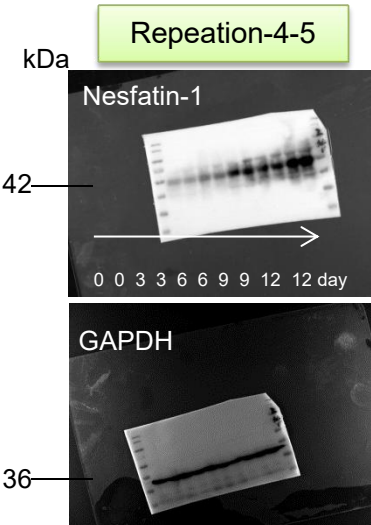
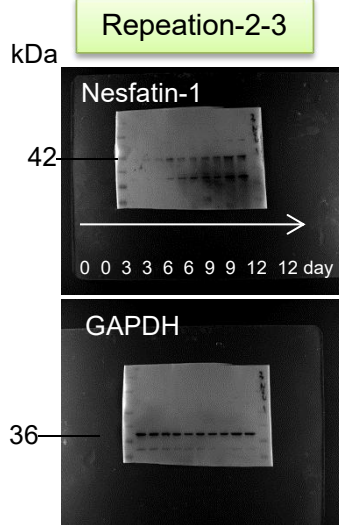
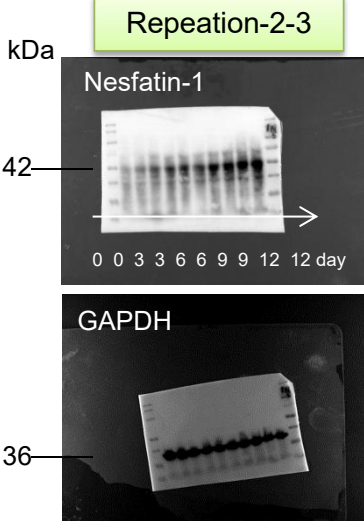
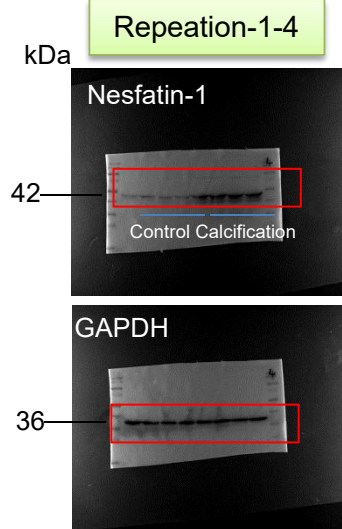


Figure 2A-Nesfatin-1

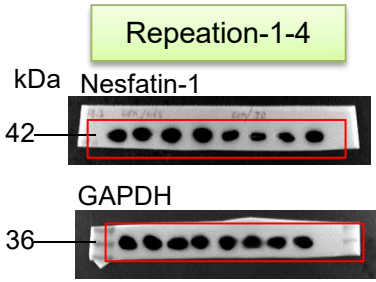


Figure 3A-Nesfatin-1

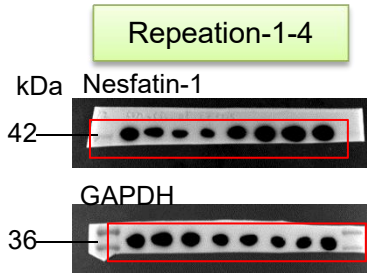


Figure 4B-P-Smad

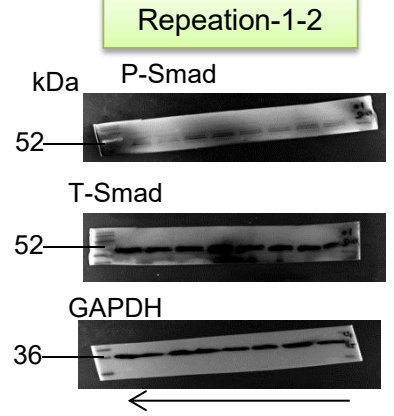


Figure 2H-RUNX2

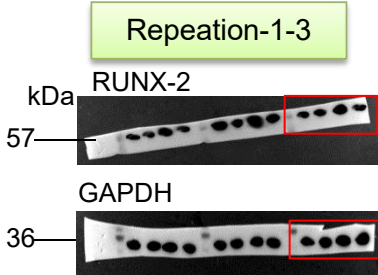


Figure 3H-RUNX2

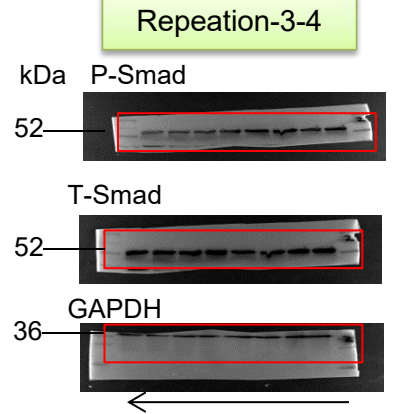
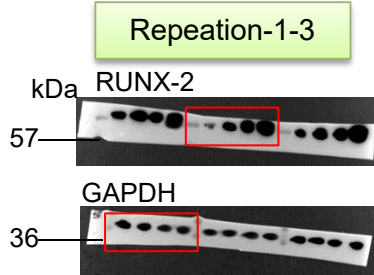


Figure 2H-BMP-2

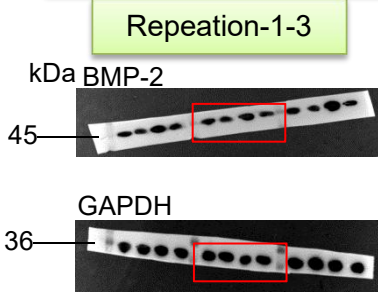


Figure 3H-BMP-2

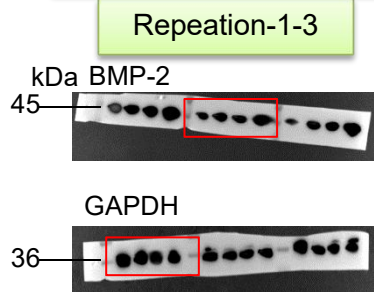


Figure 4B-RUNX2

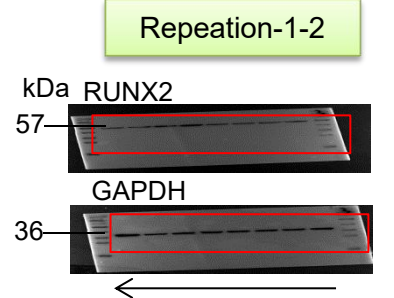


Figure 2H-α-SMA

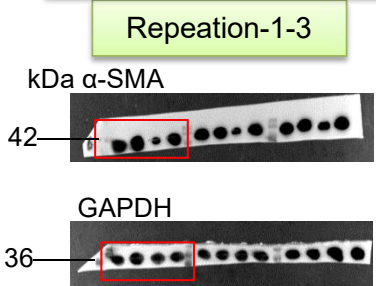


Figure 3H-α-SMA

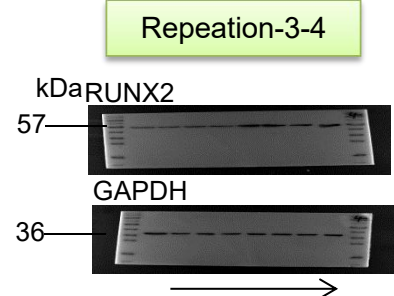
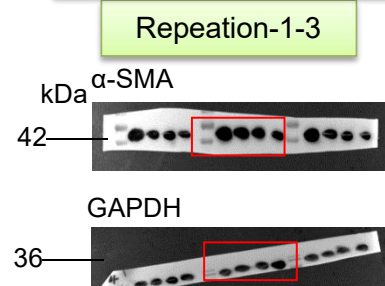


Figure 2H-SM22α

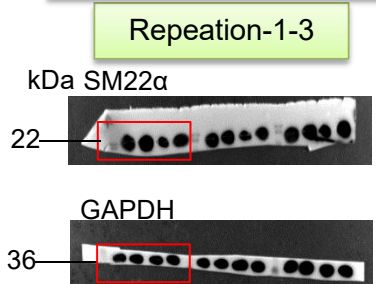


Figure 3H-SM22α

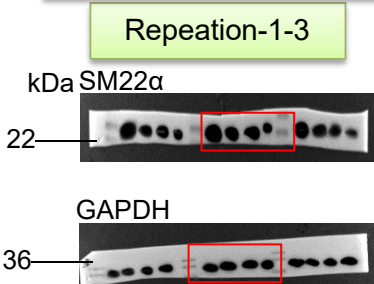
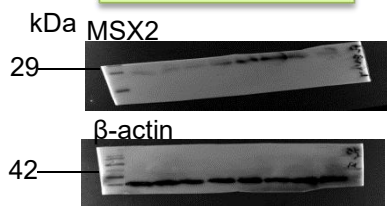


Figure 4B-MSX2

Repeation-1-2



Repeation-3-4

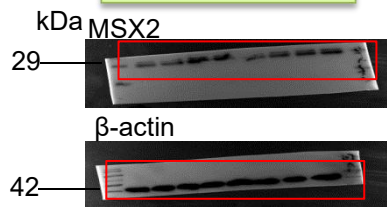
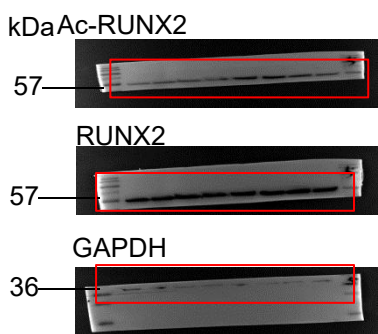


Figure 4E-Ac-RUNX2

Repeation-1-2



Repeation-3-4

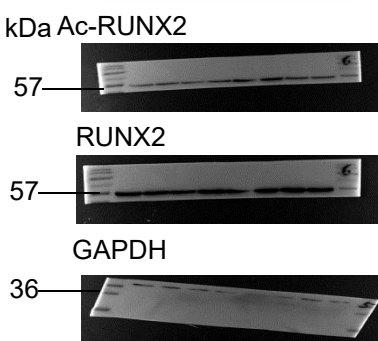
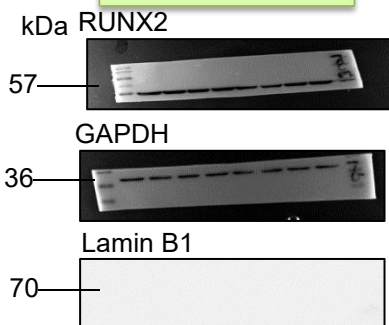


Figure 4F-Cytoplasm-RUNX2

Repeation-1-2



Repeation-3-4

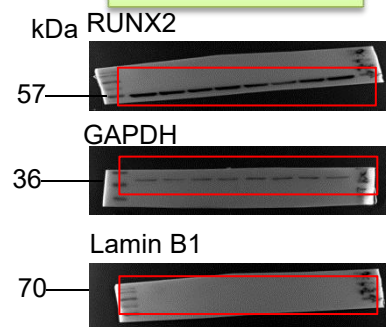
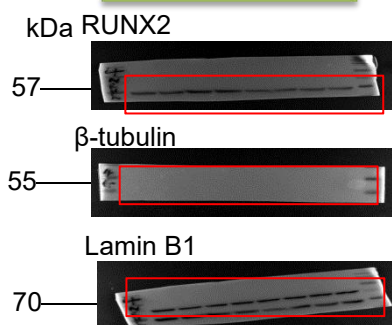


Figure 4F-Nuclear-RUNX2

Repeation-1-2



Repeation-3-4

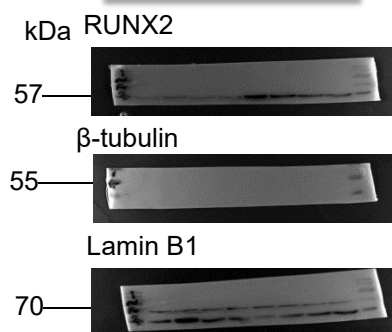
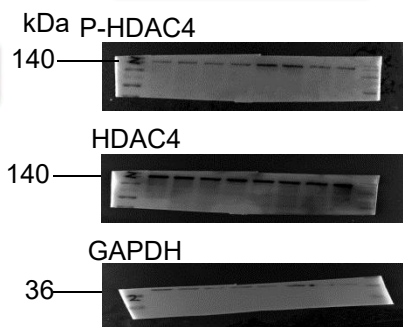


Figure 4H-P-HDAC4

Repeation-1-2



Repeation-3-4



Repeation-3-4

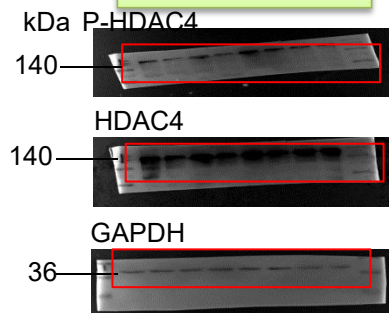
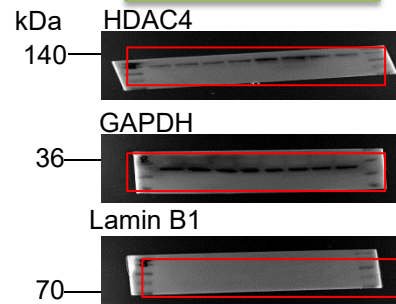


Figure 4I-Cytoplasm-HDAC4

Repeation-1-2



Repeation-3-4

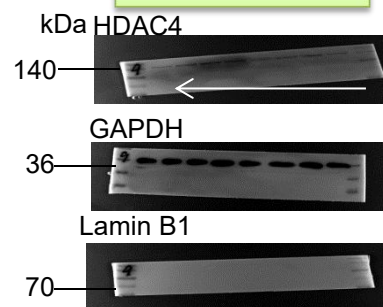
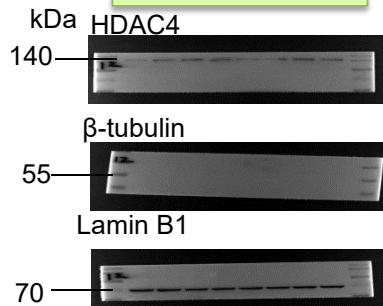


Figure 4I-Nuclear-HDAC4

Repeation-1-2



Repeation-3-4

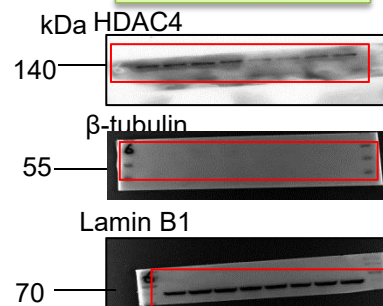
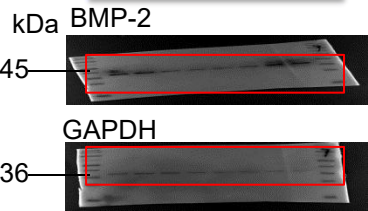


Figure 5A-BMP-2

Repeation-1-2



Repeation-3-4

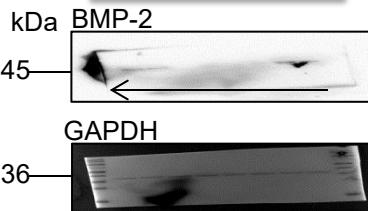
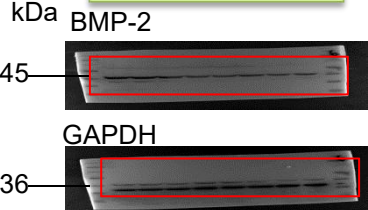


Figure 5B-BMP-2

Repeation-1-2



Repeation-3-4

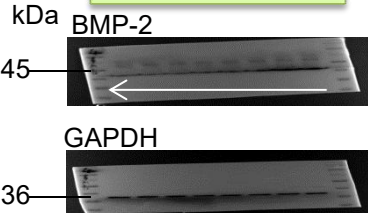
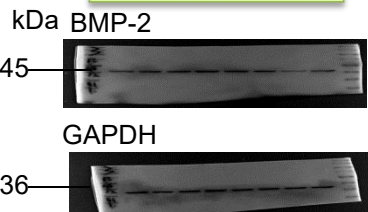


Figure 5C-BMP-2

CHX+Con shRNA

Repeation-1-2



Repeation-3-4

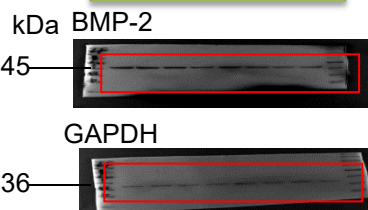
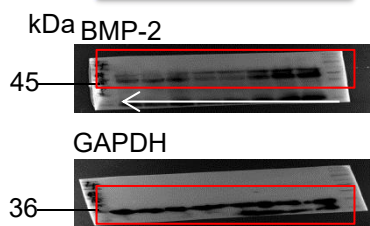


Figure 5C-BMP-2

CHX+Nesfatin-1 shRNA

Repeation-1-2



Repeation-3-4

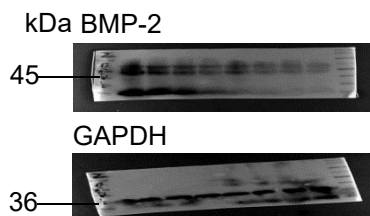


Figure 5D-BMP-2

Repeation-1-4

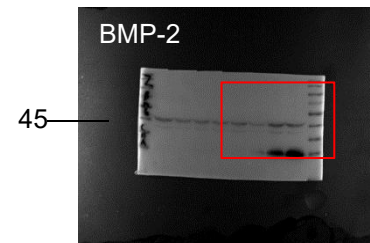
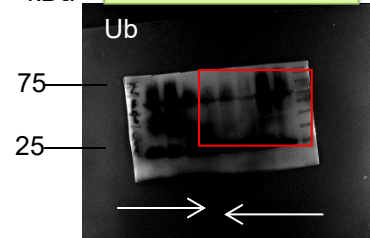


Figure 5E-BMP-2

Repeation-1-4

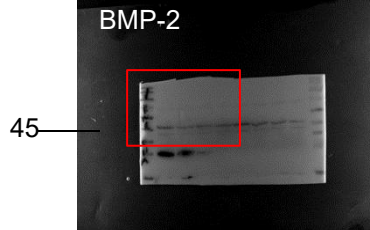
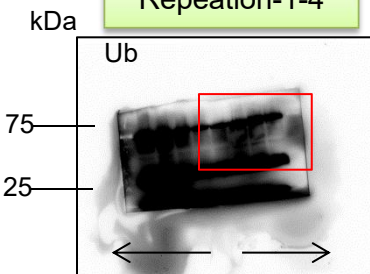
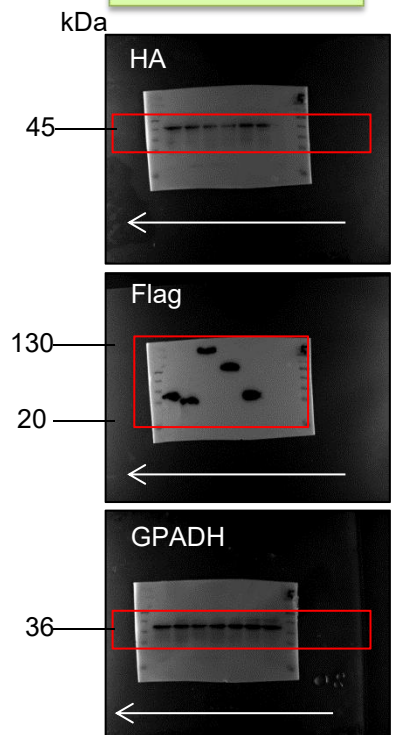


Figure 5F

Repeation-1



Repeation-2

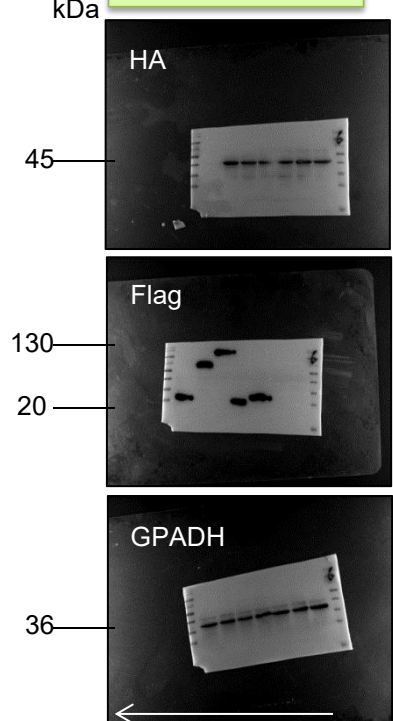
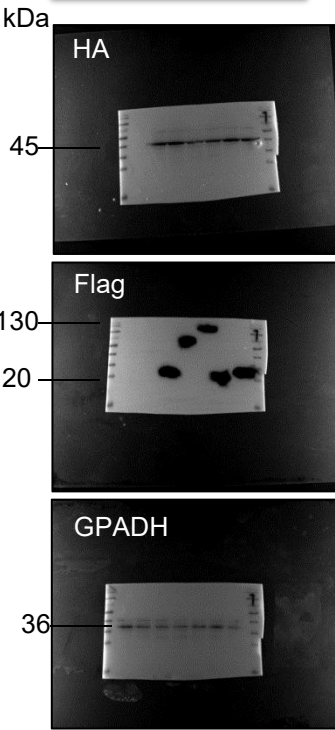


Figure 5F

Repeation-3



Repeation-4

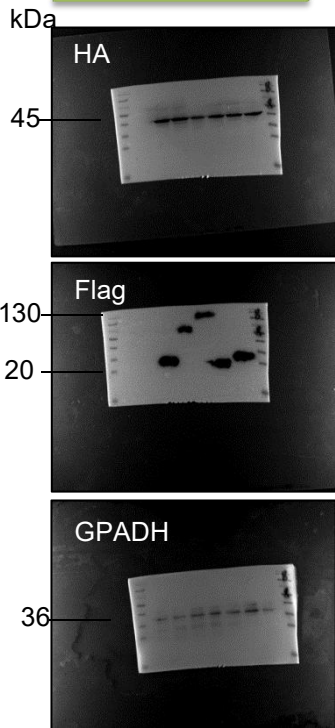


Figure 5G

Repeation-1-3

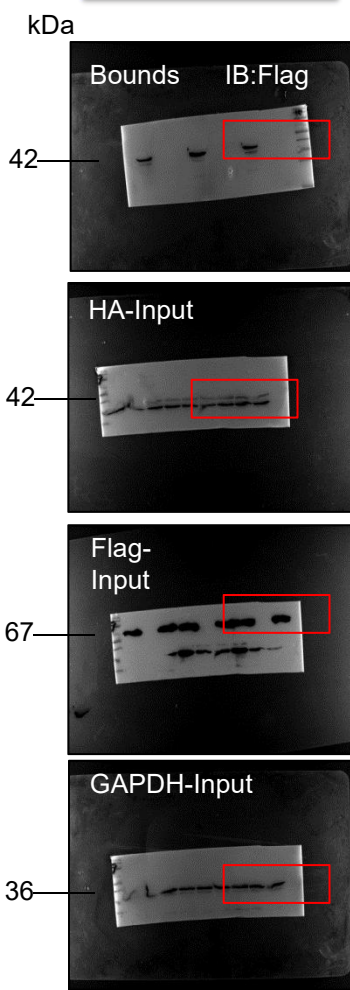
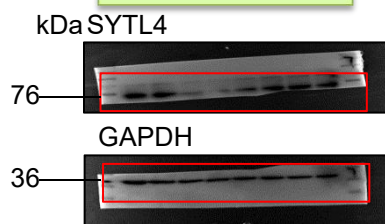


Figure 5H

Repeation-1-2



Repeation-3-4

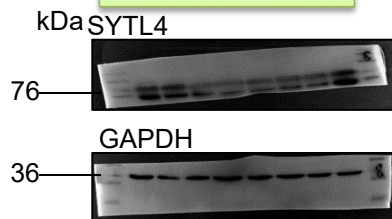
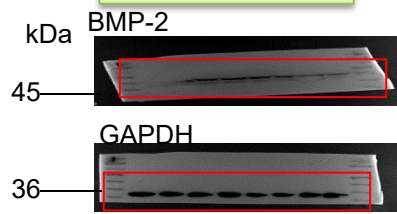


Figure 5H

Repeation-1-2



Repeation-3-4

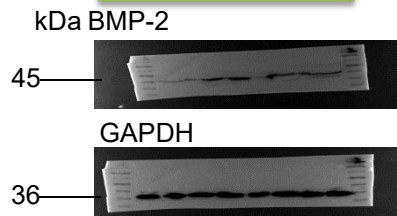
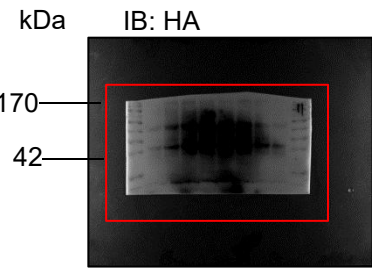
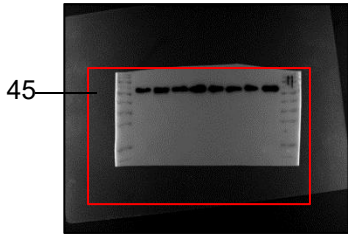


Figure 6A

Repeation-1-2

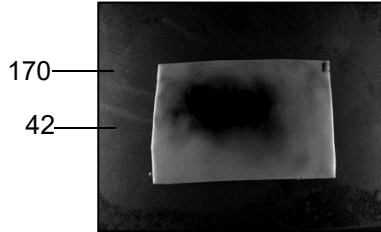


His



Repeation-3-4

IB: HA



His

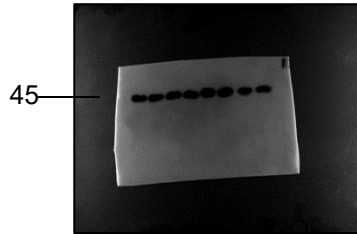
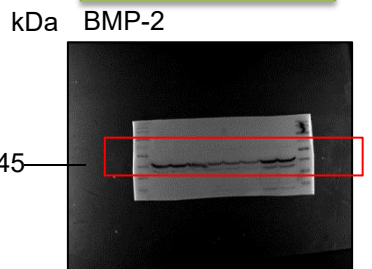


Figure 6B

Repeation-1-2



GAPDH

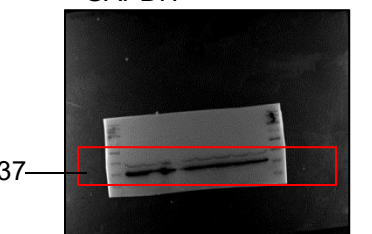
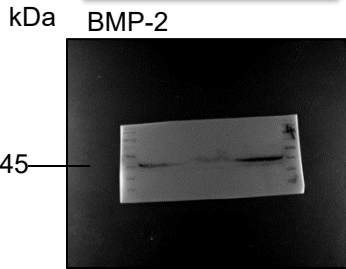


Figure 6B

Repeation-3-4



GAPDH

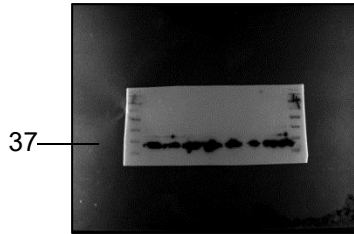
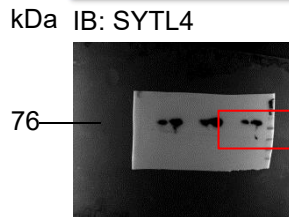
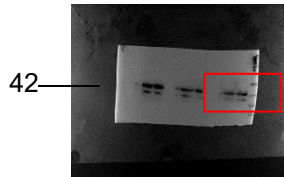


Figure 6E

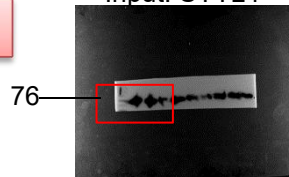
Repeation-1-3



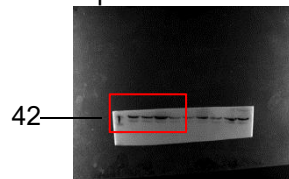
IB: Nesfatin-1



Input: SYTL4



Input: Nesfatin-1



Input: GAPDH

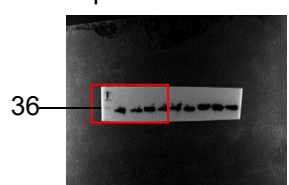
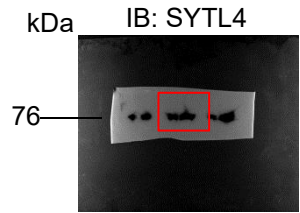
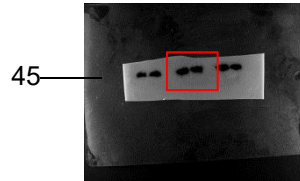


Figure 6F

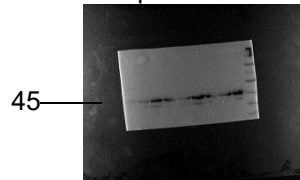
Repeation-1-3



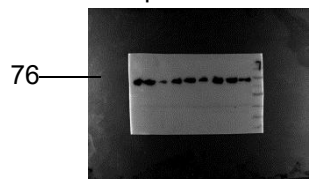
IB: BMP-2



Input: BMP-2



Input: SYTL4



Input: GAPDH

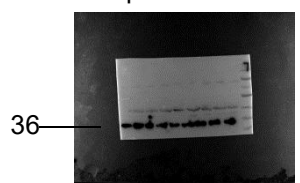
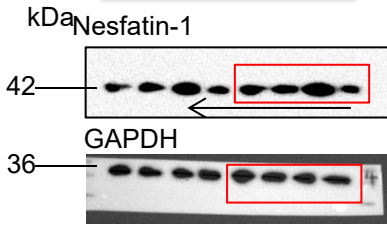


Figure 7H-Nesfatin-1

Repeation-1-2



Repeation-3-4

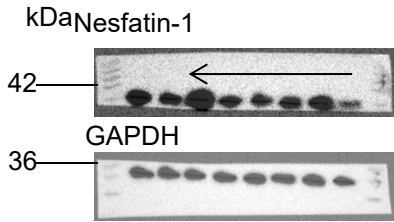


Figure 7H-RUNX2

Repeation-1-3

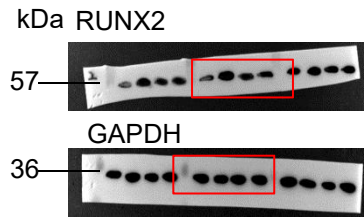


Figure 7H-BMP-2

Repeation-1-3

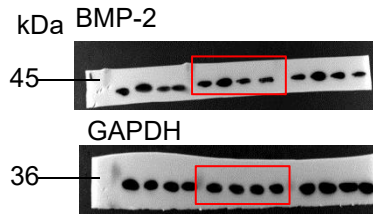


Figure 7H- α -SMA

Repeation-1-3

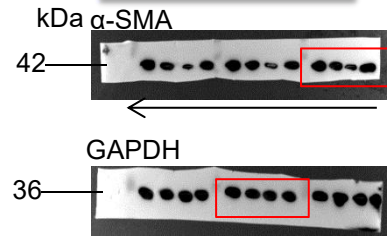


Figure 7H-SM22 α

Repeation-1-3

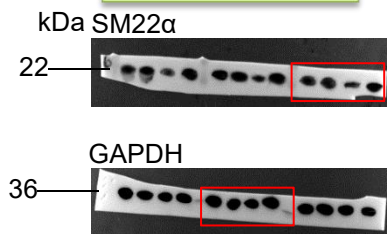


Figure 8D-STAT3

Repeation-1-4

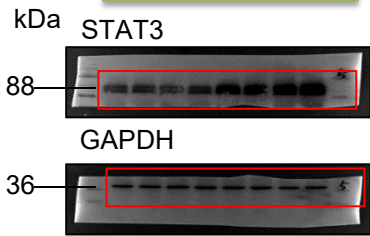


Figure 8D-Nesfatin-1

Repeation-1-4

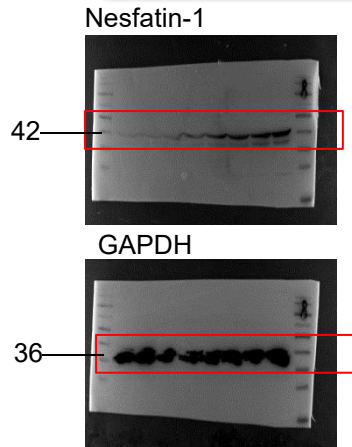


Figure 8D-RUNX2

Repeation-1-4

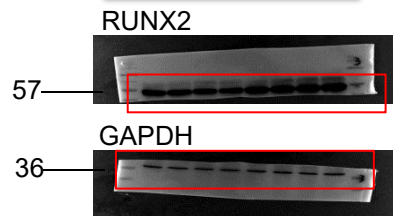


Figure 8D-BMP-2

Repeation-1-4

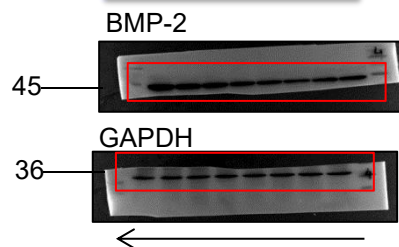


Figure 8E-STAT3

Repeation-1-4

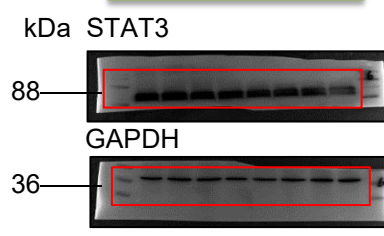


Figure 8E-Nesfatin-1

Repeation-1-4

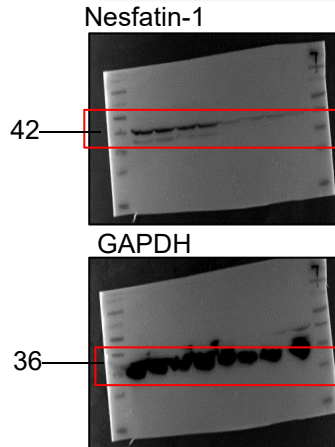


Figure 8E-RUNX2

Repeation-1-4

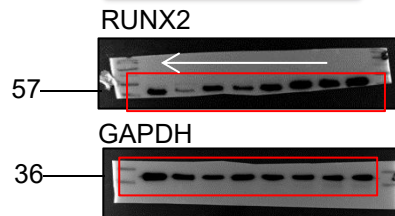


Figure 8E-BMP-2

Repeation-1-4

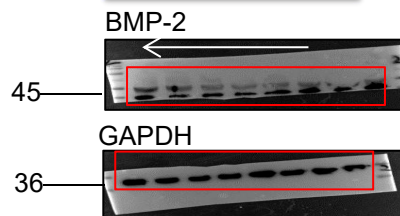


Figure S2A-Nesfatin-1

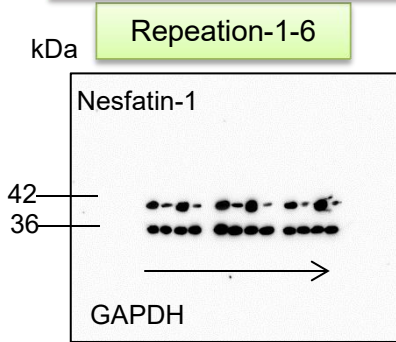


Figure S2H-Nesfatin-1

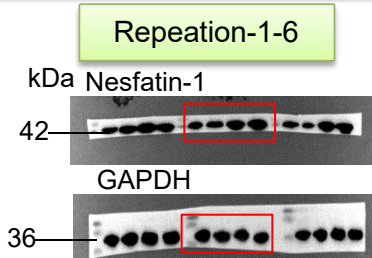


Figure S3A-Nesfatin-1

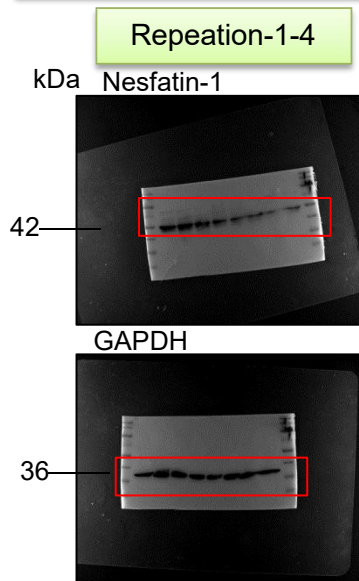


Figure S3C-Nesfatin-1

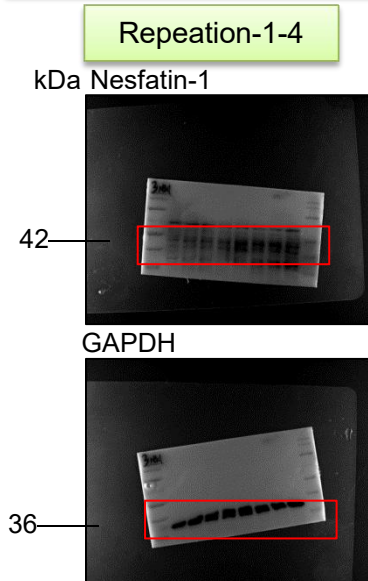
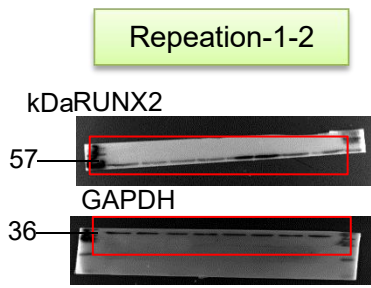


Figure S3D-RUNX2



Repeation-3-4

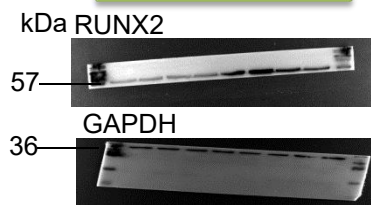
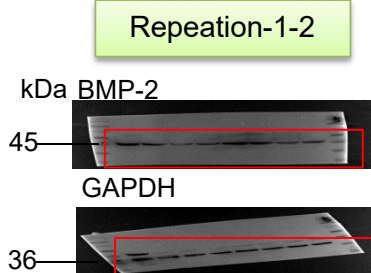


Figure S3D-BMP-2



Repeation-3-4

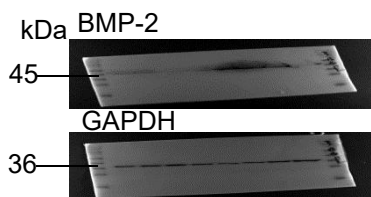
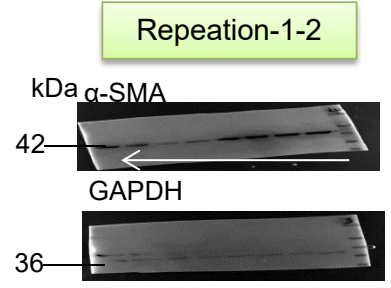


Figure S3D-α-SMA



Repeation-3-4

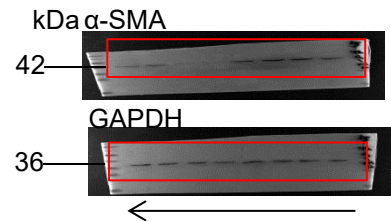
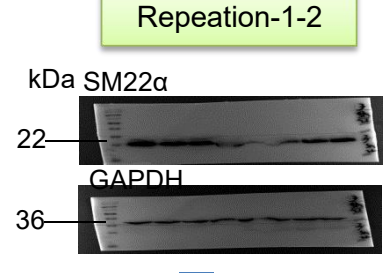


Figure S3D-SM22α



Repeation-3-4

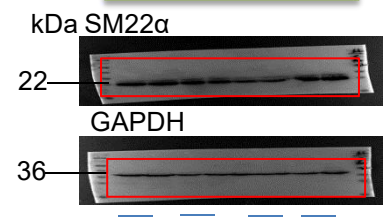
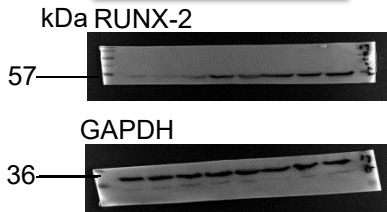


Figure S4D-RUNX2

Repeation-1-2



Repeation-3-4

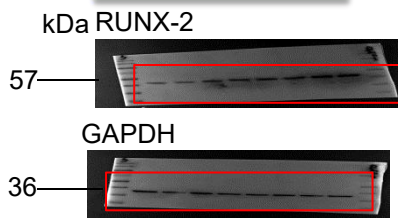
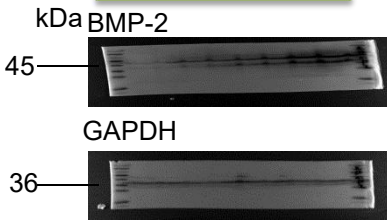


Figure S4D-BMP-2

Repeation-1-2



Repeation-3-4

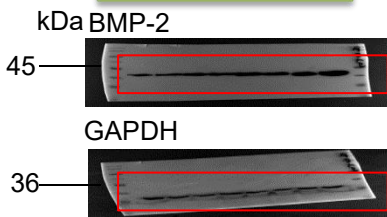
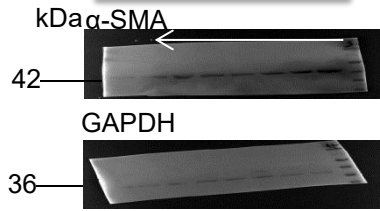


Figure S4D- α -SMA

Repeation-1-2



Repeation-1-2

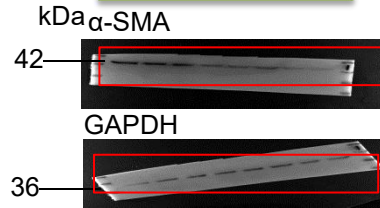
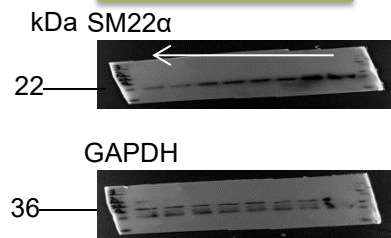


Figure S4D-SM22 α

Repeation-1-2



Repeation-3-4

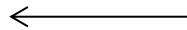
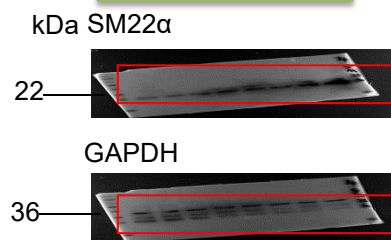


Figure S7B

Repeation-1-4

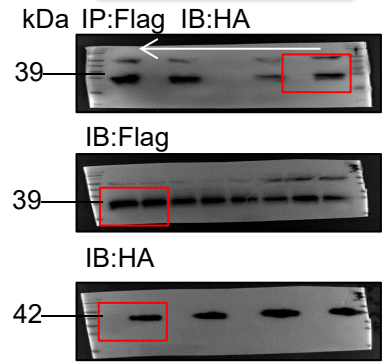


Figure S7C

Repeation-1-4

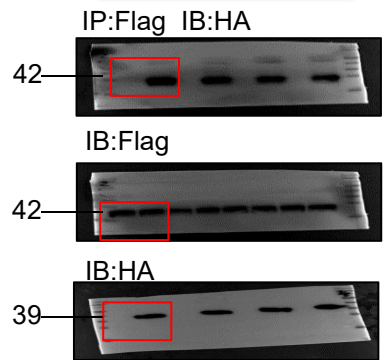
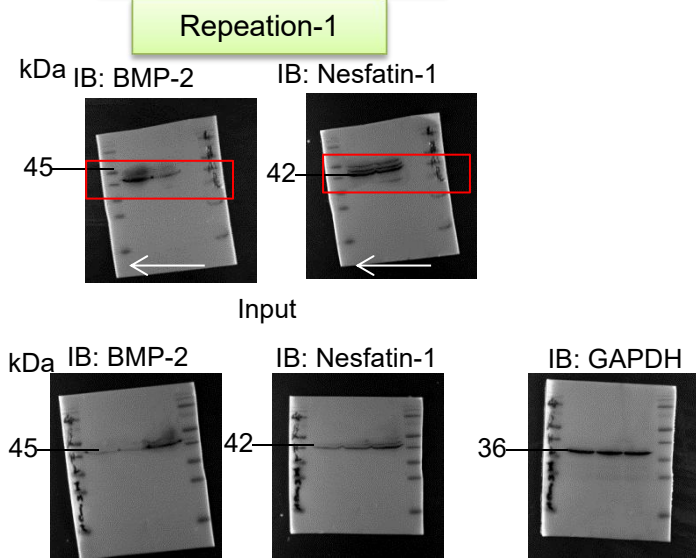
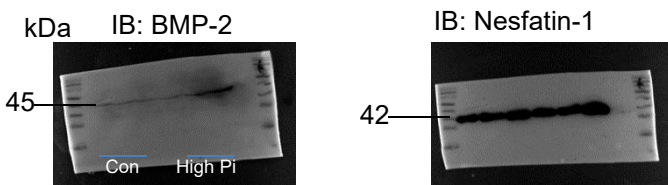


Figure S7D



Repeation-2-4



Repeation-5-7

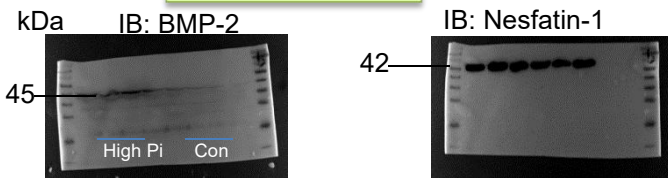


Figure S7E

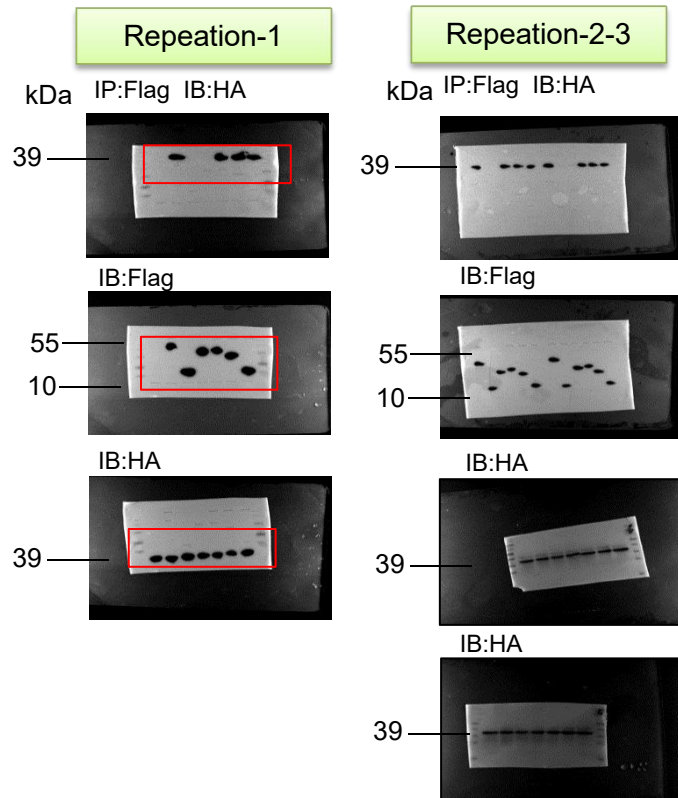


Figure S7F

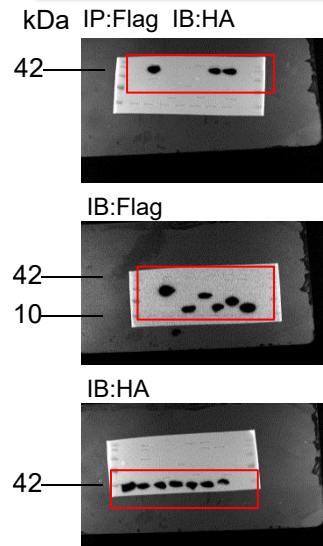


Figure S8A-IP

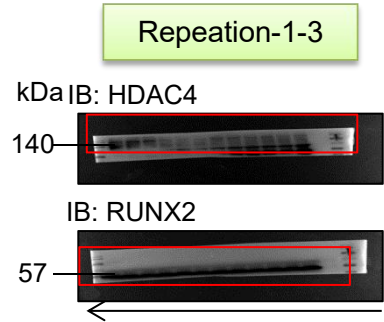


Figure S8A-Input

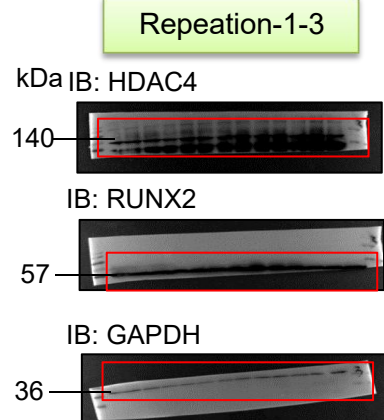


Figure S9A-P-Smad

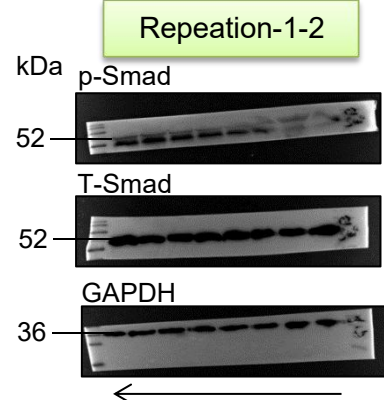


Figure S9A-P-Smad

Repeation-3-4

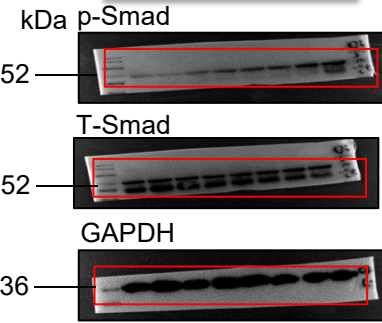
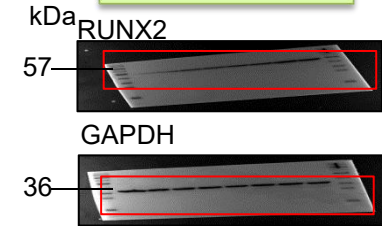


Figure S9A-RUNX2

Repeation-1-2



Repeation-3-4

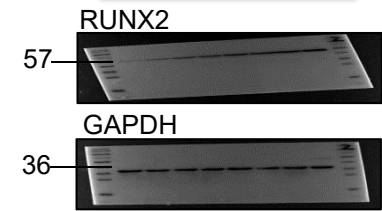
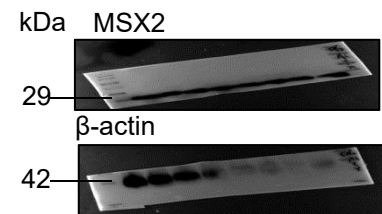


Figure S9A-MSX2

Repeation-1-2



Repeation-3-4

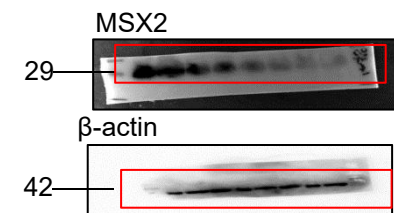
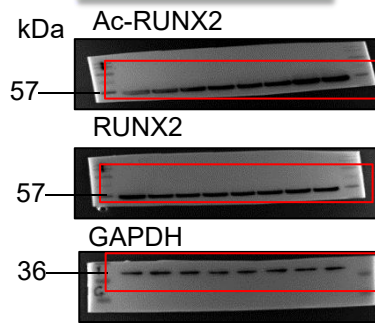


Figure S9D-Ac-RUNX2

Repeation-1-2



Repeation-3-4

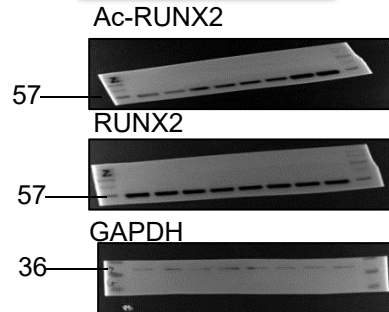
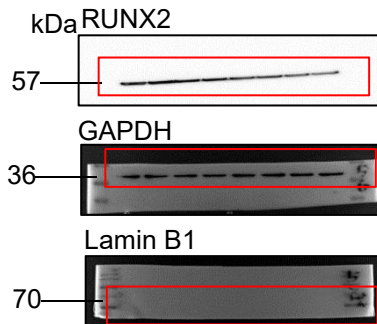


Figure S9E-Cytoplasm-RUNX2

Repeation-1-2



Repeation-3-4

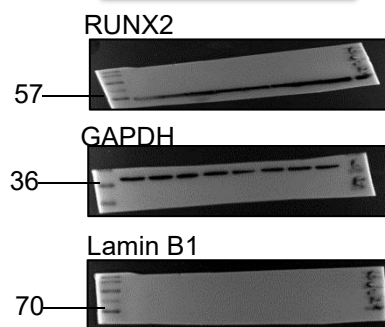
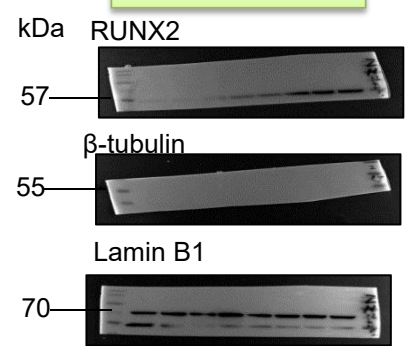


Figure S9E-Nuclear-RUNX2

Repeation-1-2



Repeation-3-4

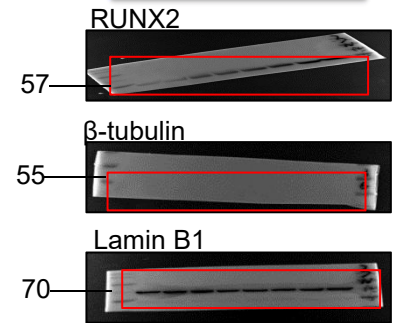
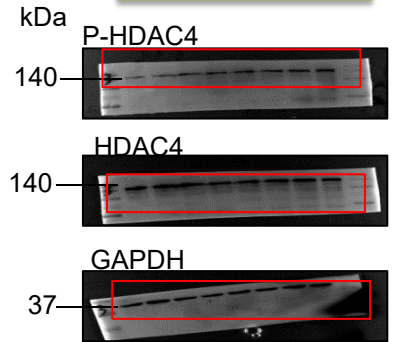


Figure S9G-P-HDAC4

Repeation-1-2



Repeation-3-4

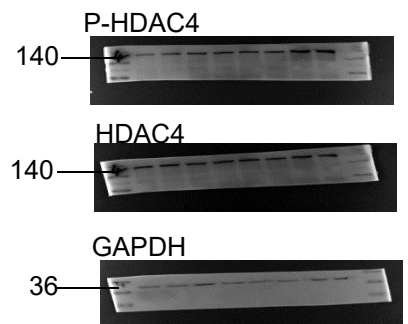
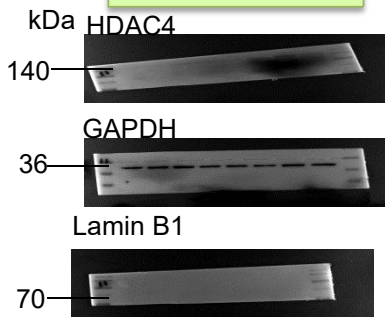


Figure S9H-
Cytoplasm-HDAC4

Repeation-1-2



Repeation-3-4

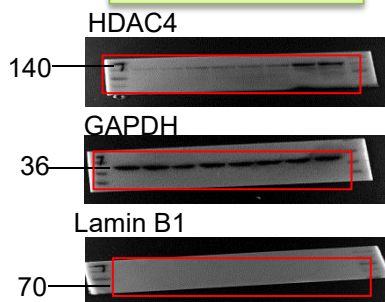
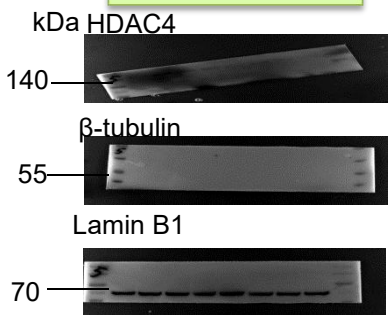


Figure S9H-
Nuclear-HDAC4

Repeation-1-2



Repeation-3-4

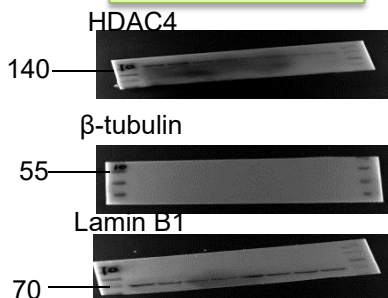


Figure S9J-IP

Repeation-1-3

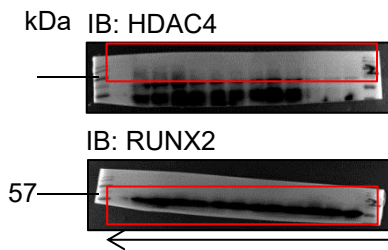


Figure S9J-Input

Repeation-1-3

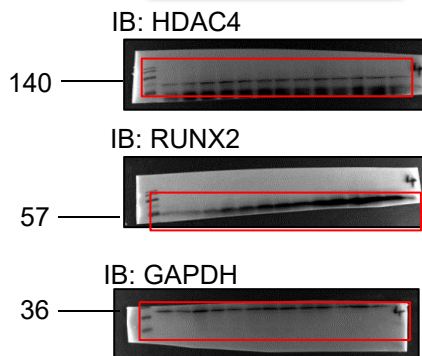


Figure S12D

Repeation-1-4

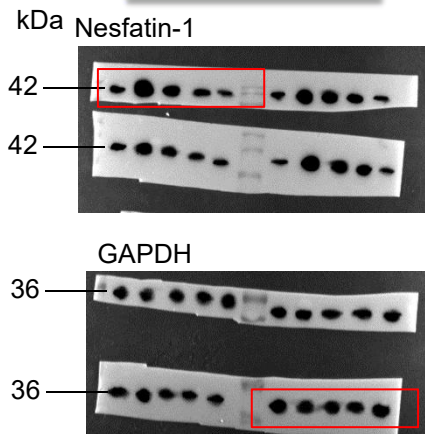


Figure S12E

Repeation-1-4

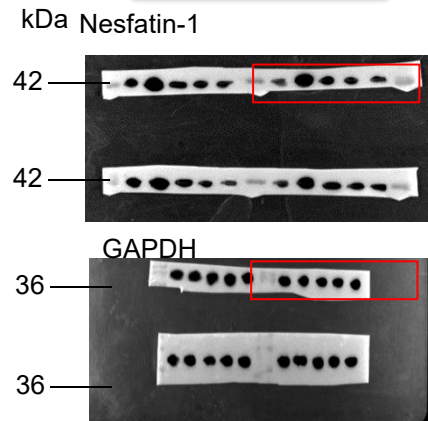


Figure S13A

Repeation-1-3

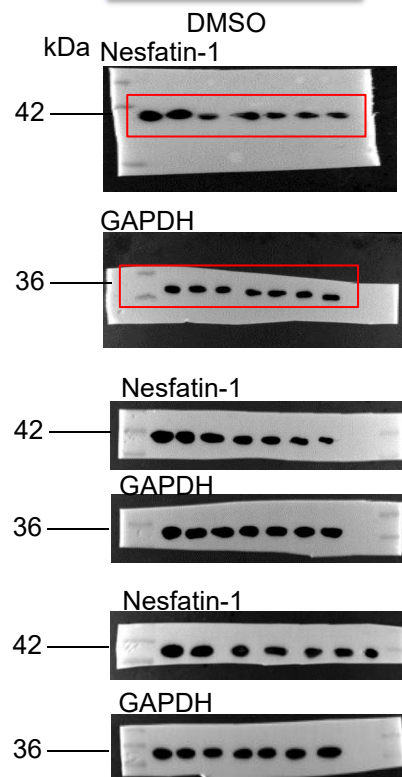


Figure S13A

Repeation-1-3

Curculigoside

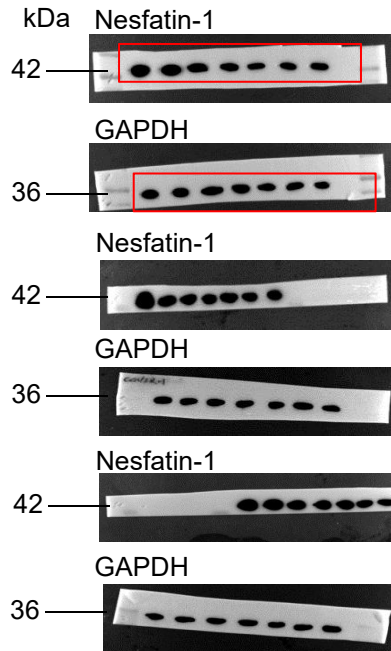


Figure S13B

Curculigoside

Repeation-1-3

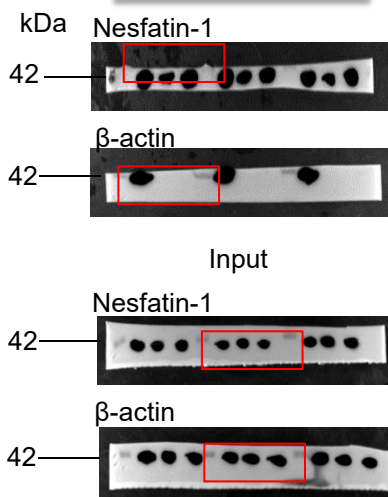


Figure S13C

Chebulagic acid

Repeation-1-3

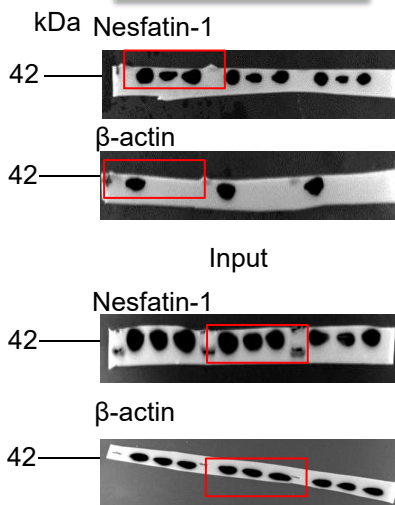


Figure S13A

Repeation-1-3

Chebulagic acid

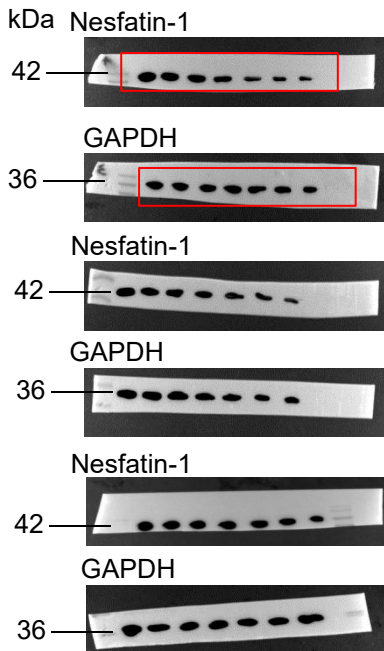
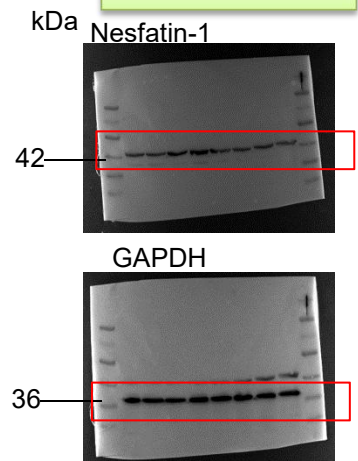


Figure S14D

Repeation-1-2



Repeation-3-4

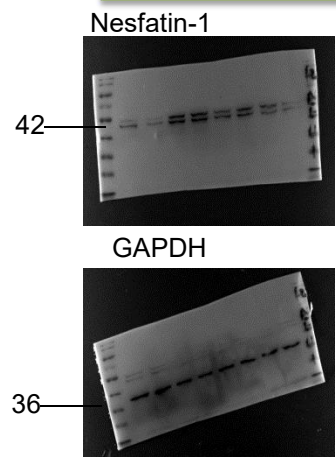
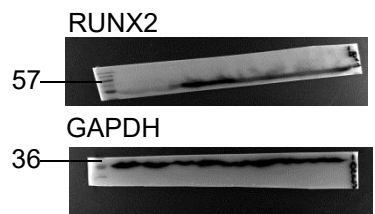


Figure S14D-RUNX2

Repeation-1-2



Repeation-3-4

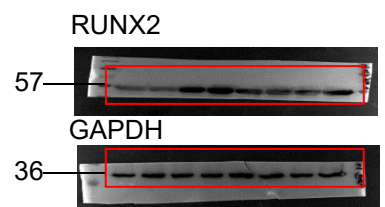
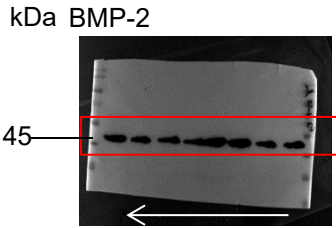
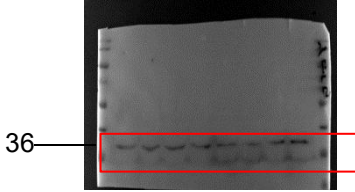


Figure S14D-RUNX2

Repeation-1-2

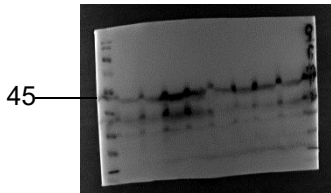


GAPDH



Repeation-3-4

BMP-2



GAPDH

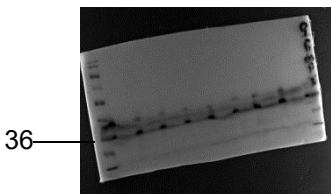
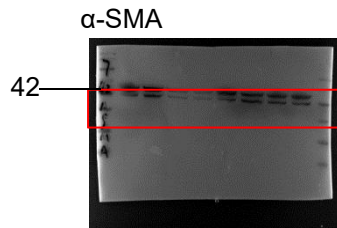


Figure S14D- α -SMA

Repeation-1-2



GAPDH

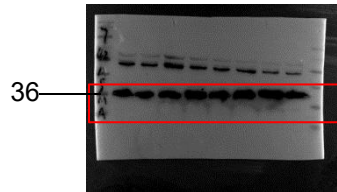
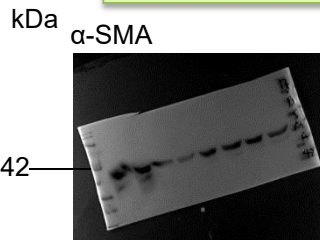


Figure S14D- α -SMA

Repeation-3-4



GAPDH

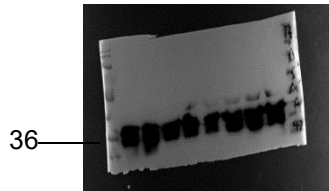
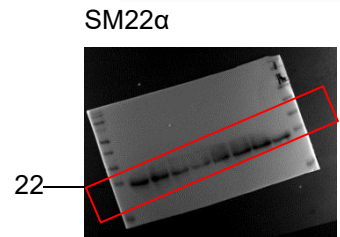
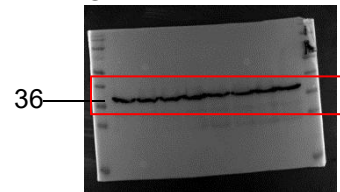


Figure S14D-SM22 α

Repeation-1-2

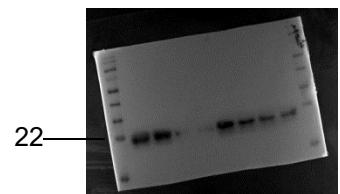


GAPDH



Repeation-3-4

SM22 α



GAPDH

