

Fig. 3a

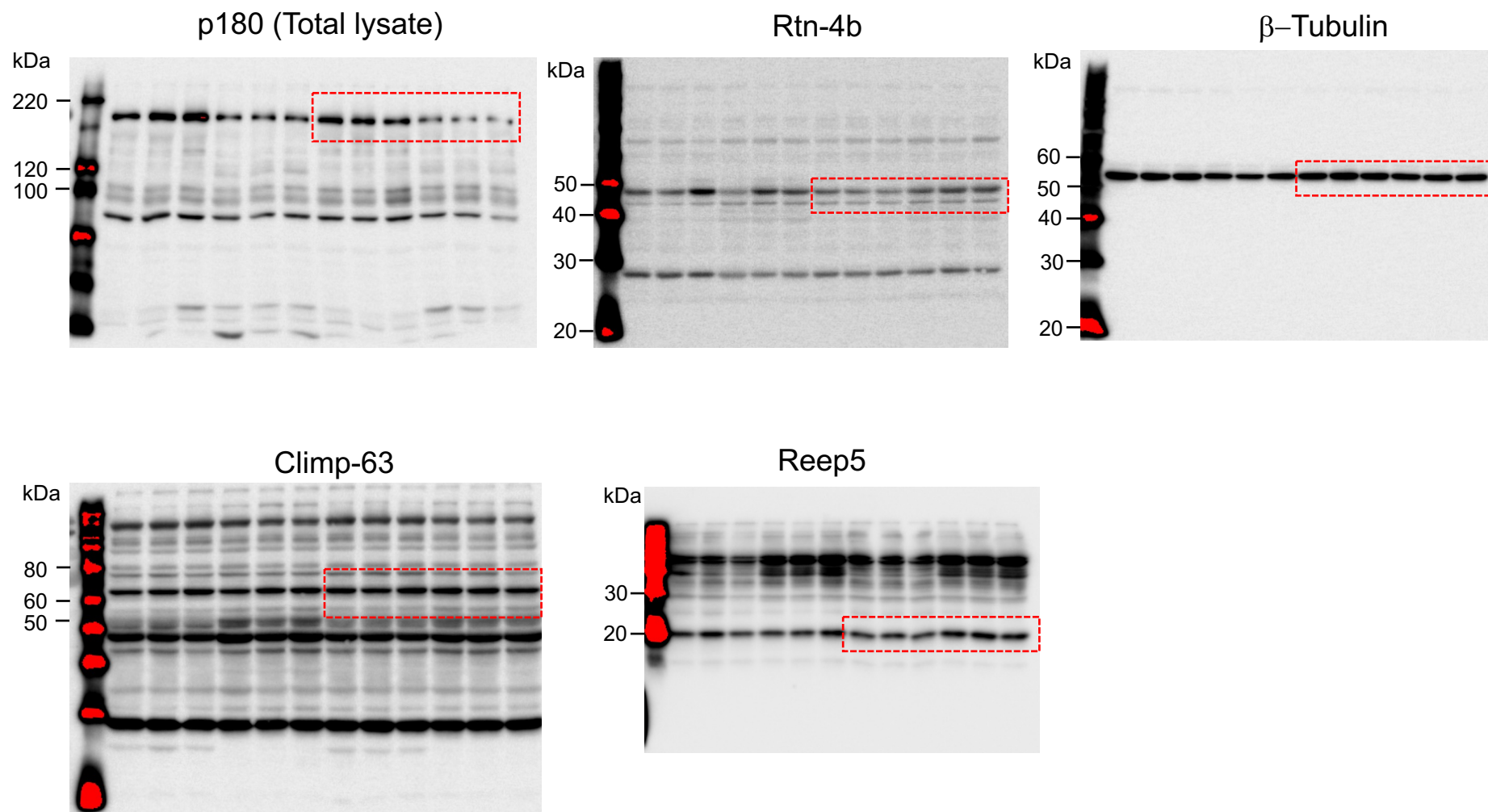


Fig. 3b

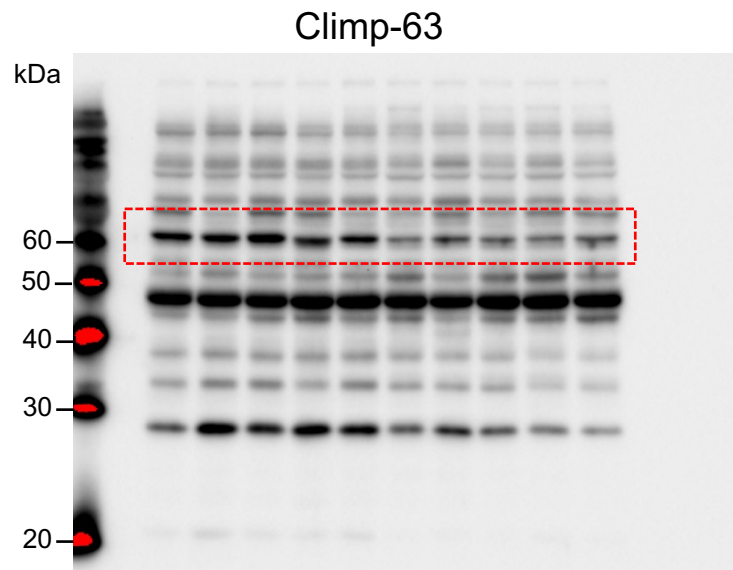
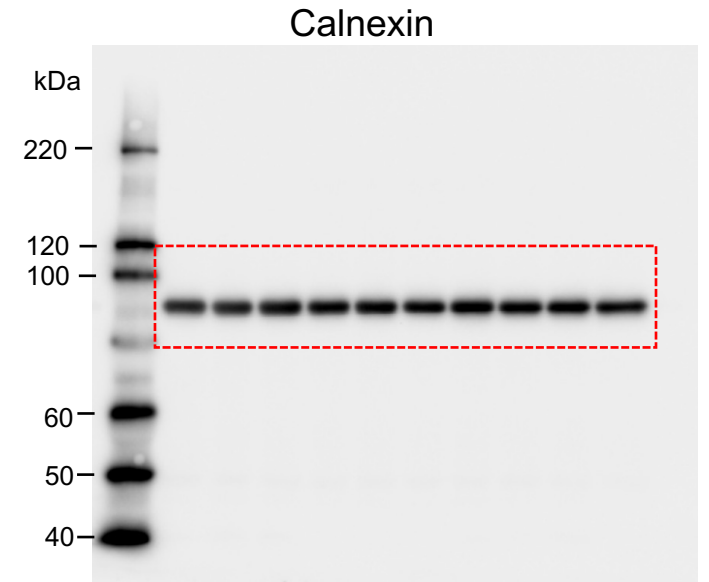
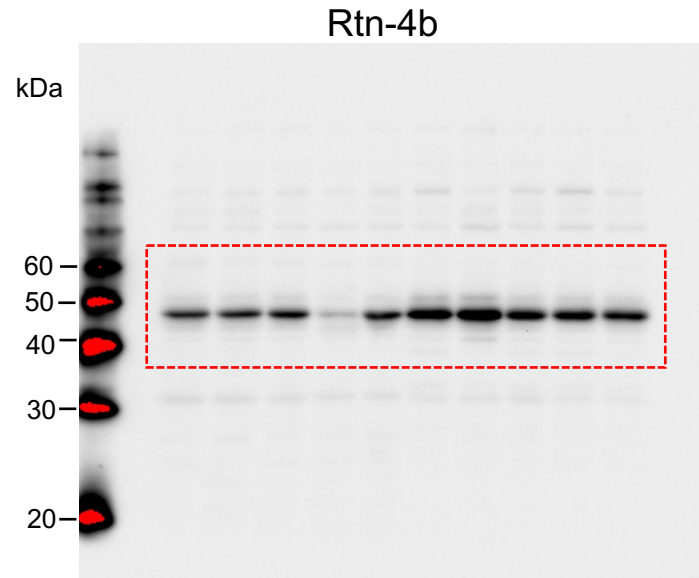
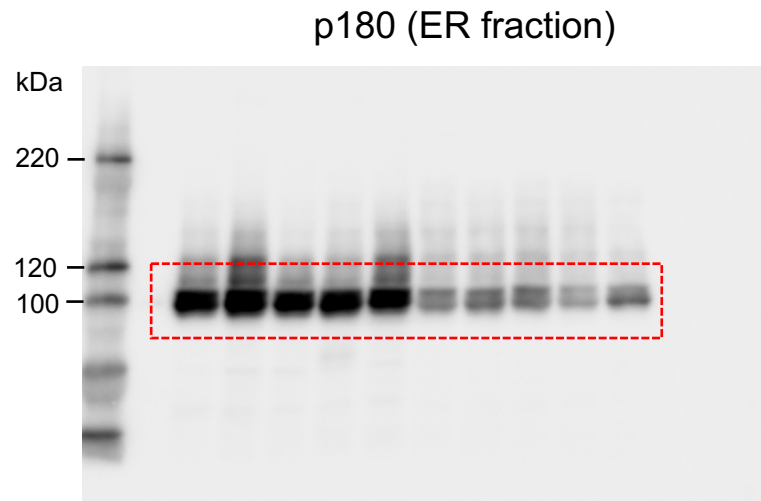
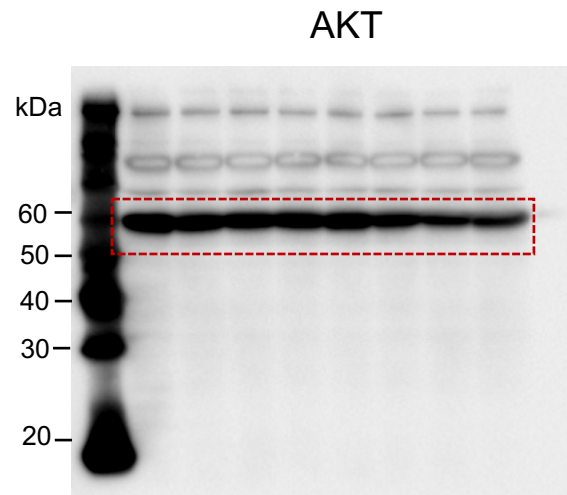
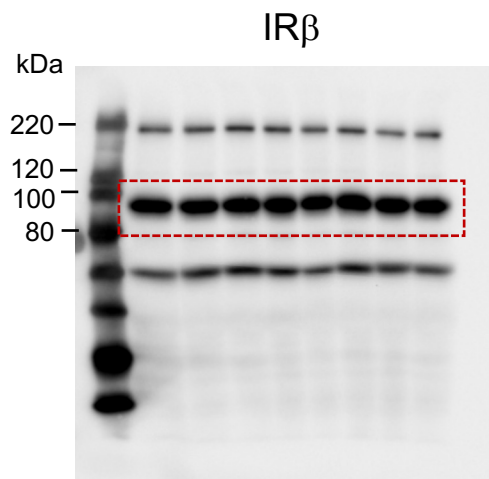
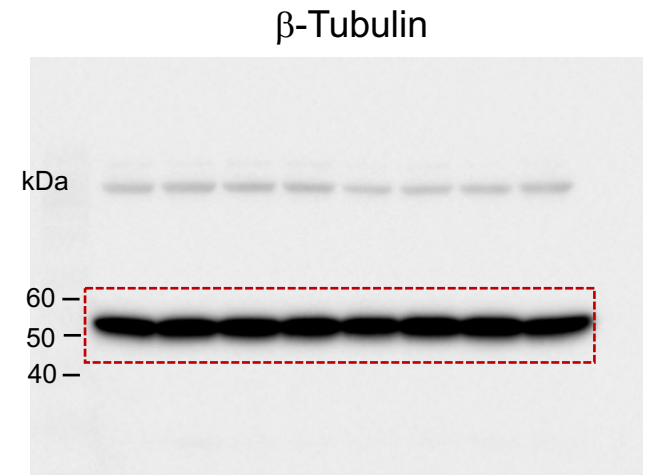
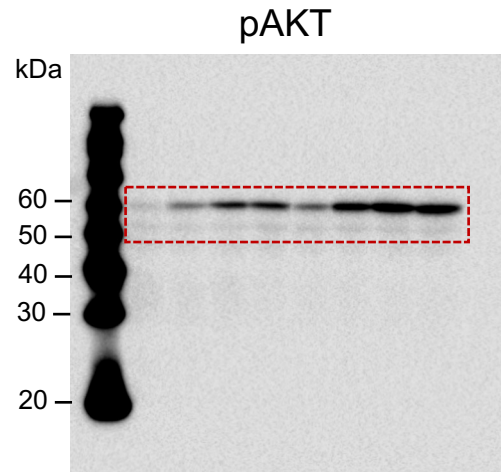
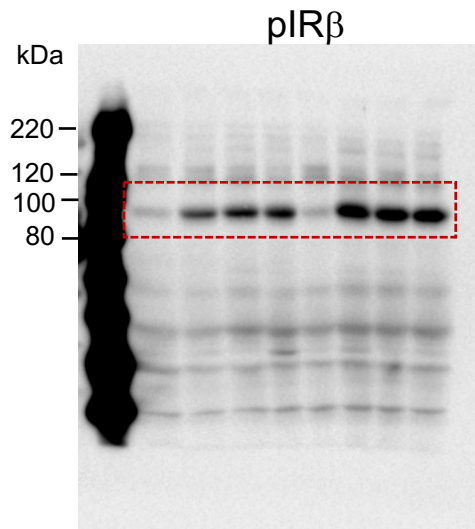


Fig. 4j

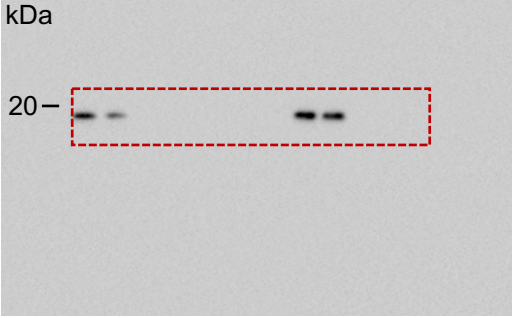


Ext Data Fig. 3a

Lean

Obese

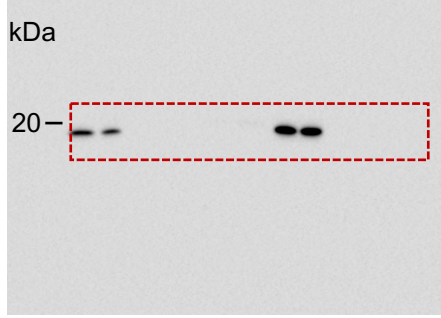
COXIV



Trap α



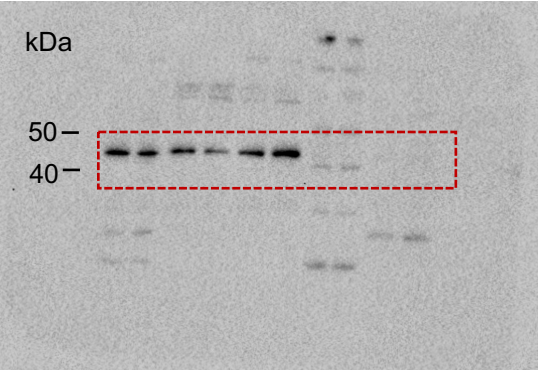
COXIV



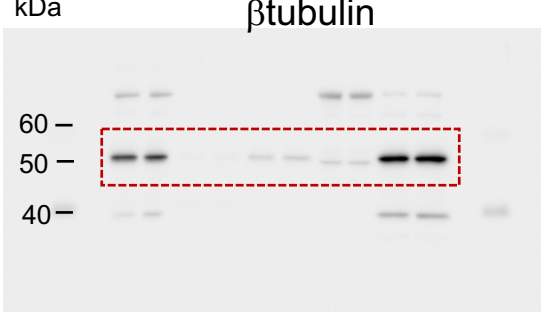
Trap α



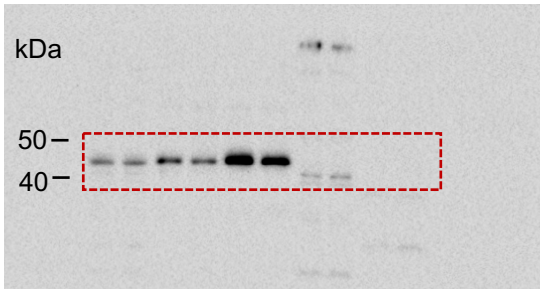
RTN4b



β tubulin



RTN4b

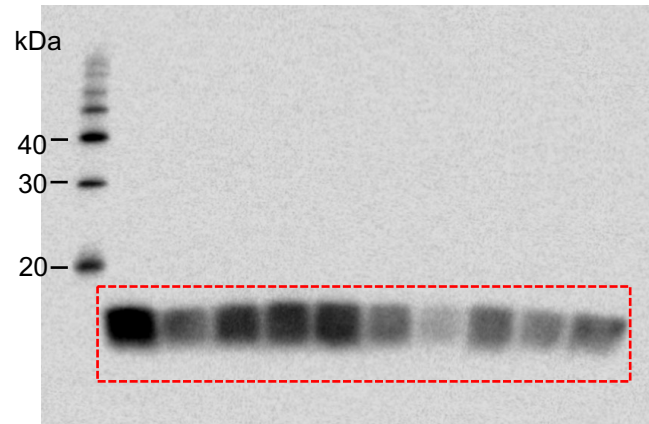


β tubulin

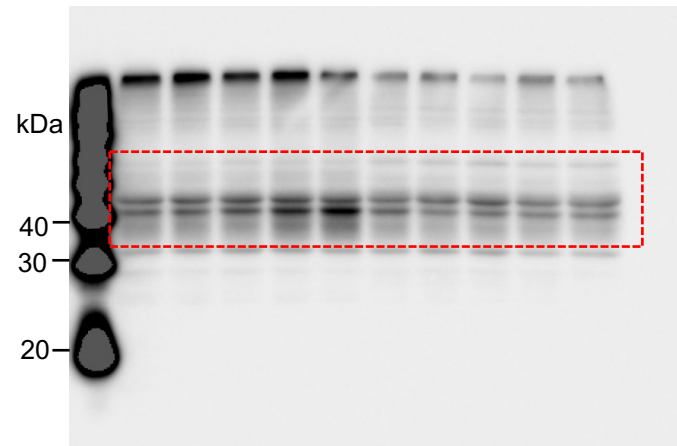


Ext Data Fig. 4a

Sec61 β



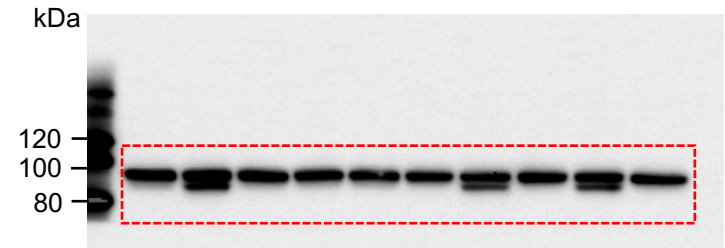
Sec61 α



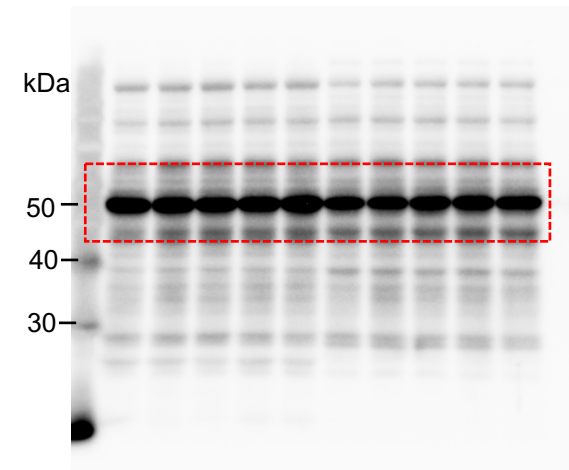
Trap α



Calnexin

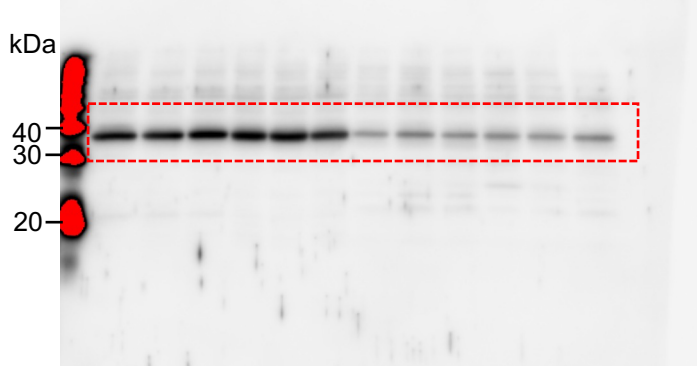


β -tubulin

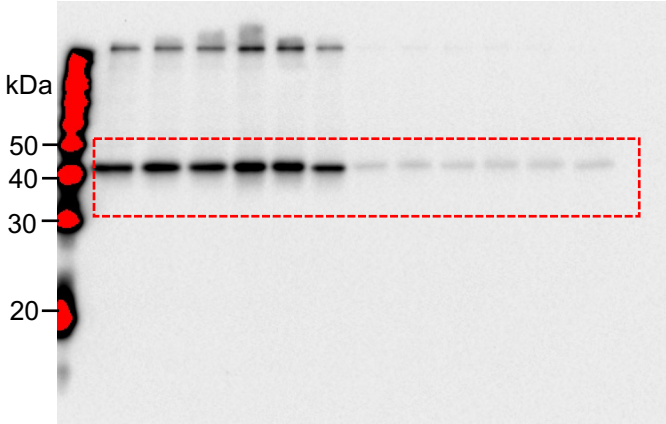


Ext Data Fig. 4b 4c

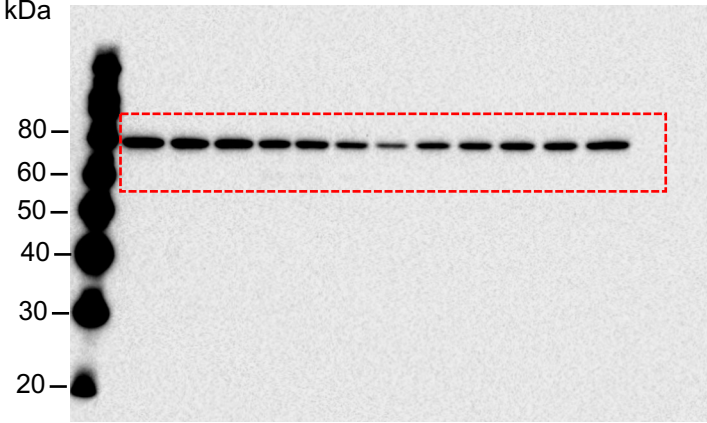
Trap α



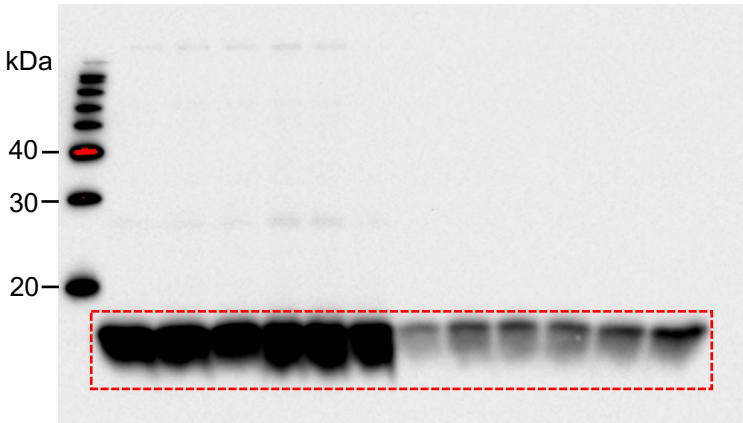
Sec61 α



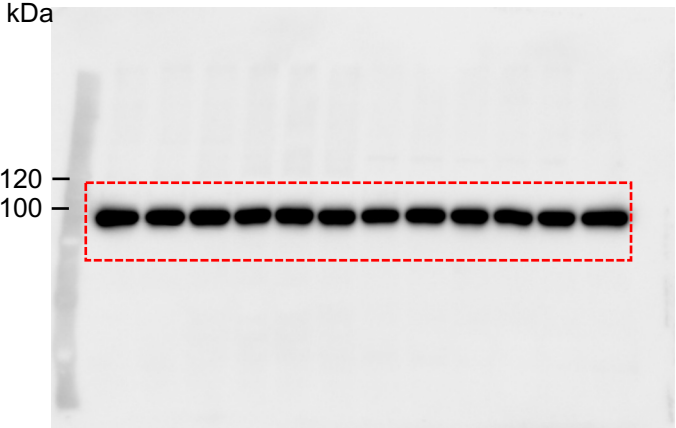
GRP78



Sec61 β



Calnexin



Ext Data Fig. 5a

Lean

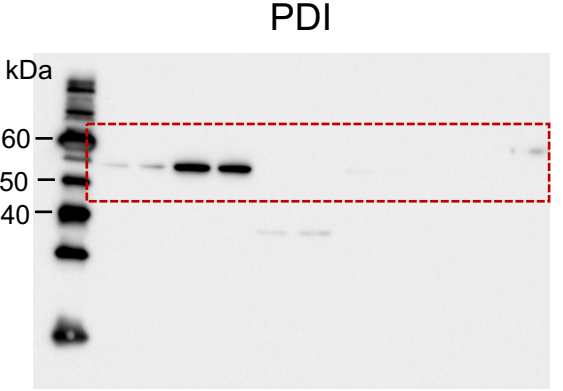
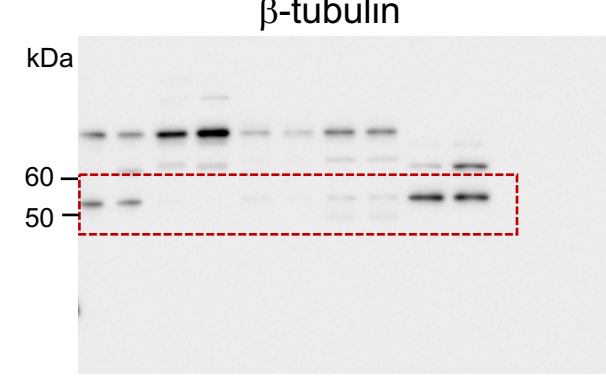
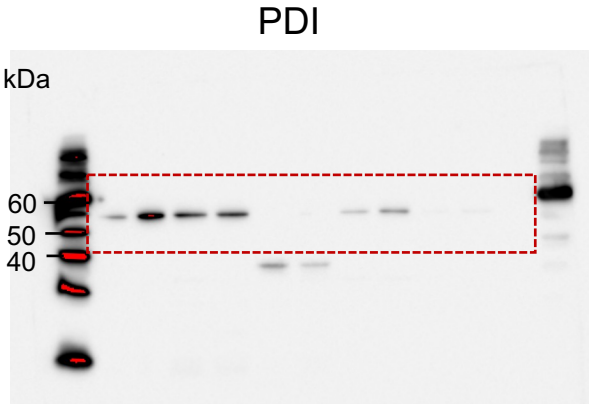
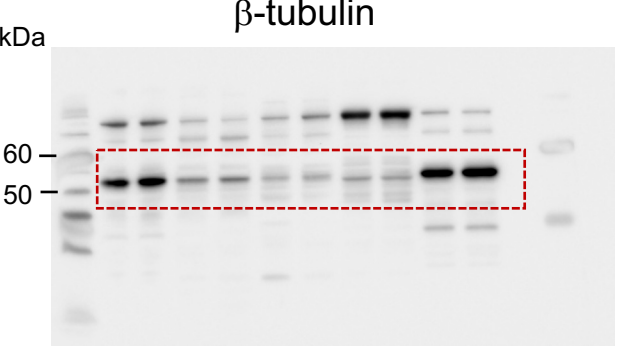
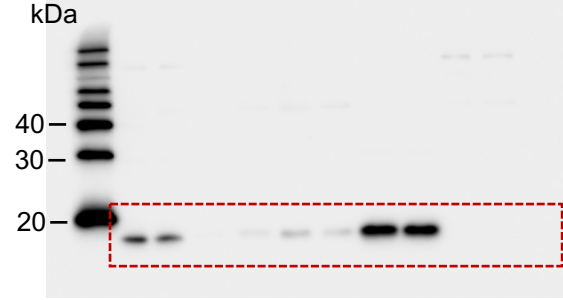
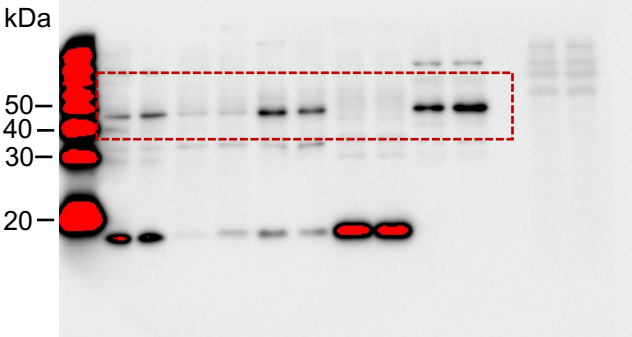
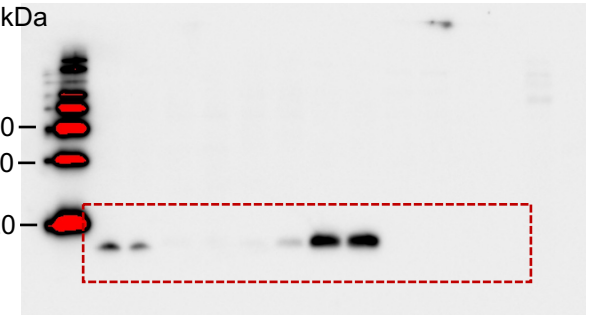
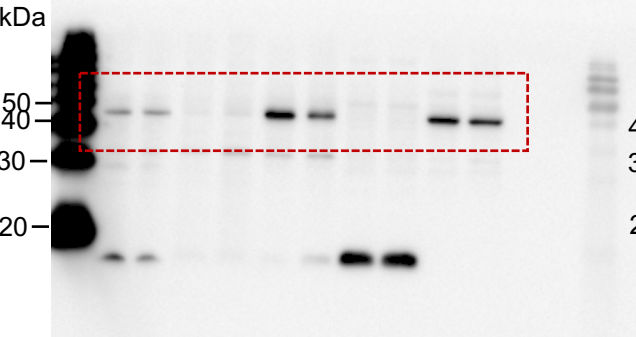
Obese

CREB

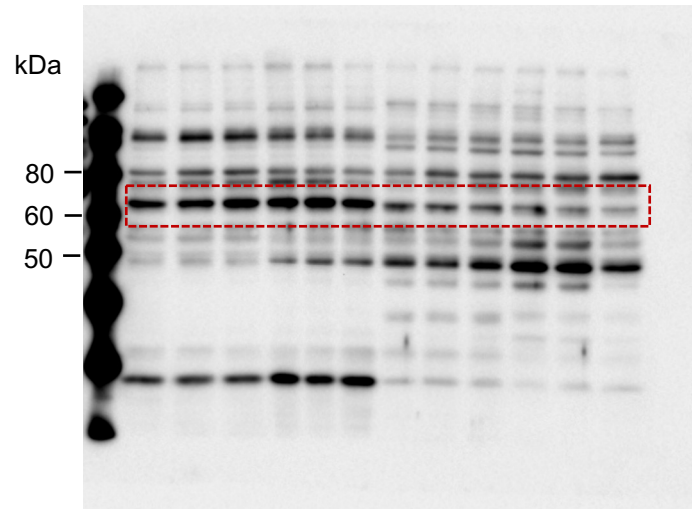
COXIV

CREB

COXIV

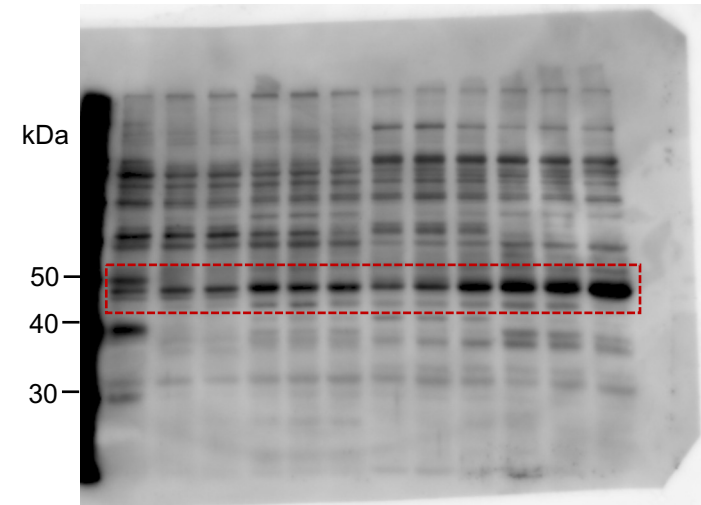


Climp63

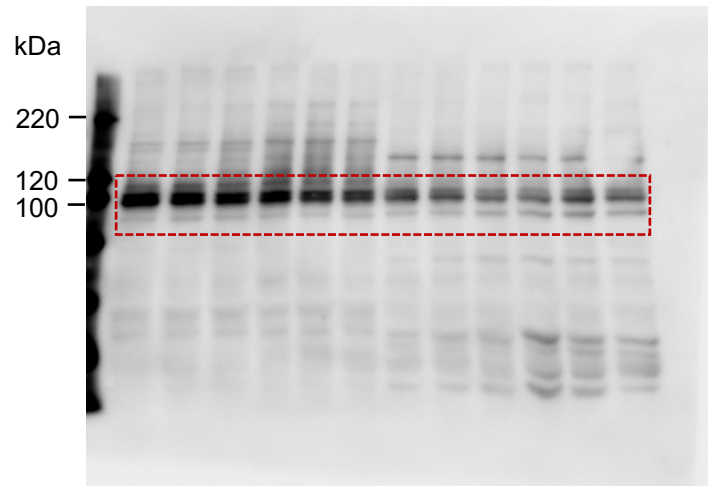


Ext Data Fig. 5b

Rtn4b

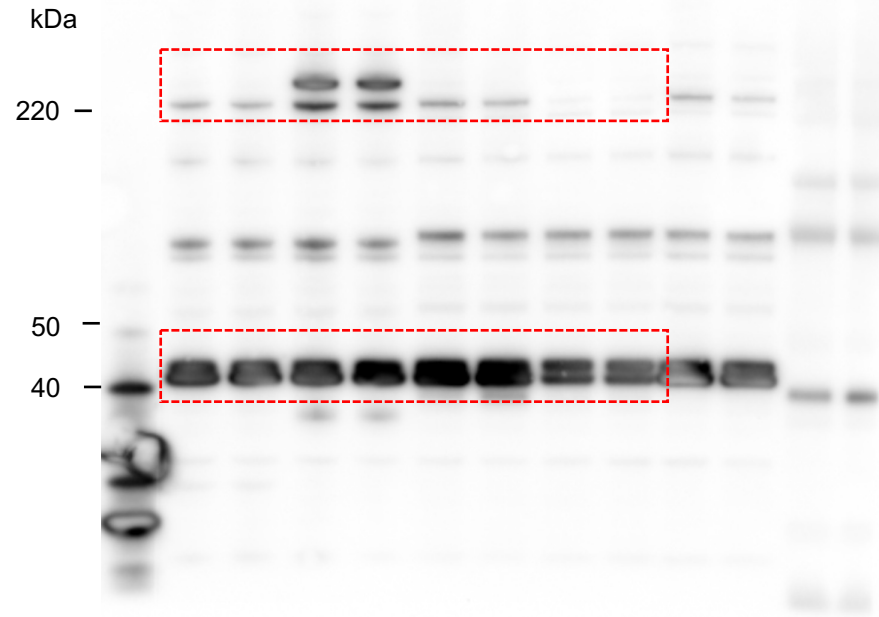


p180 (ER fraction)

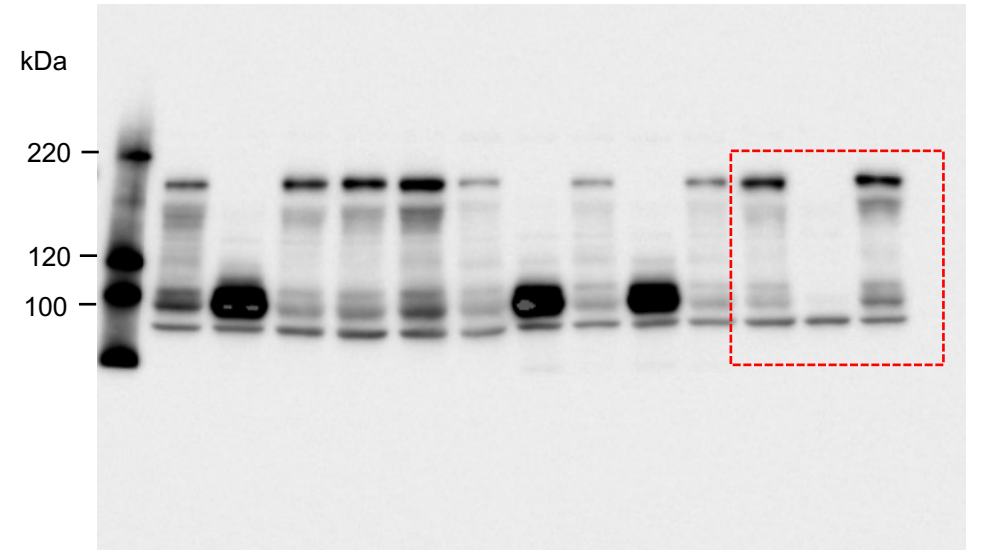


Ext Data Fig. 5d 5e 5f

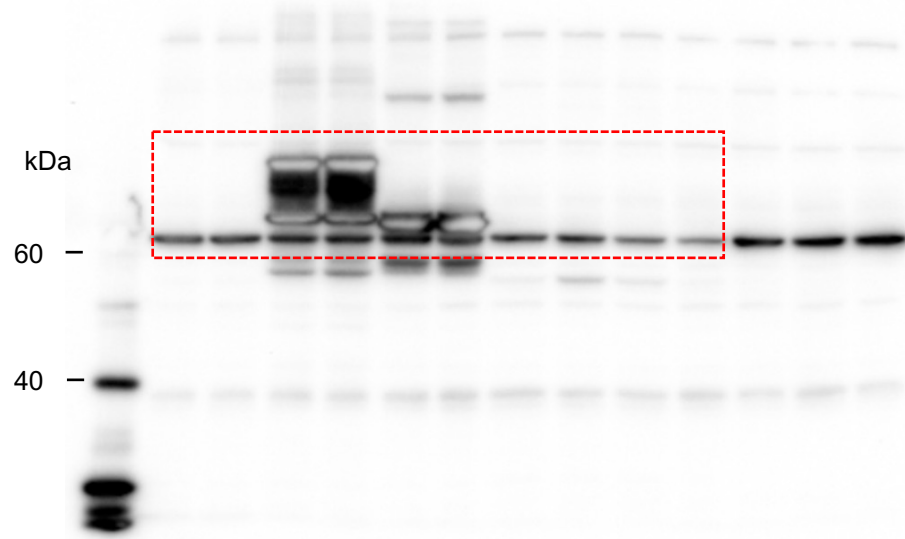
RTN4a (GFP tagged) and Rtn4b



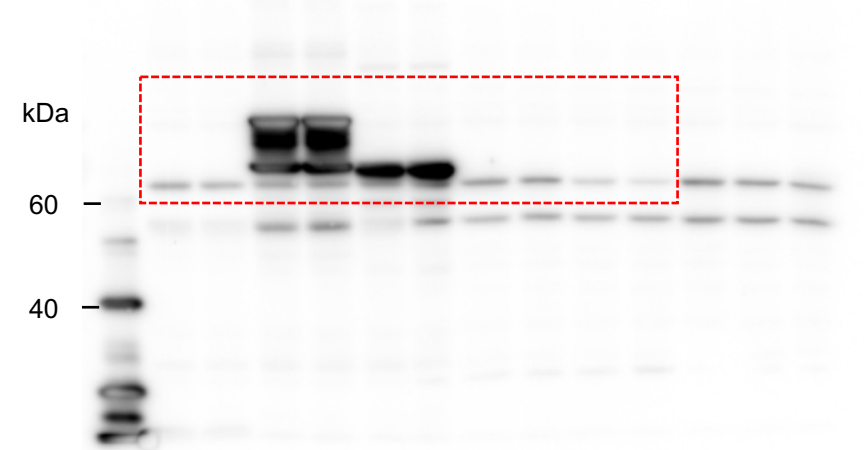
p180 (Total lysate)



Climp-63 (RFP or Myc tagged) (Novus)

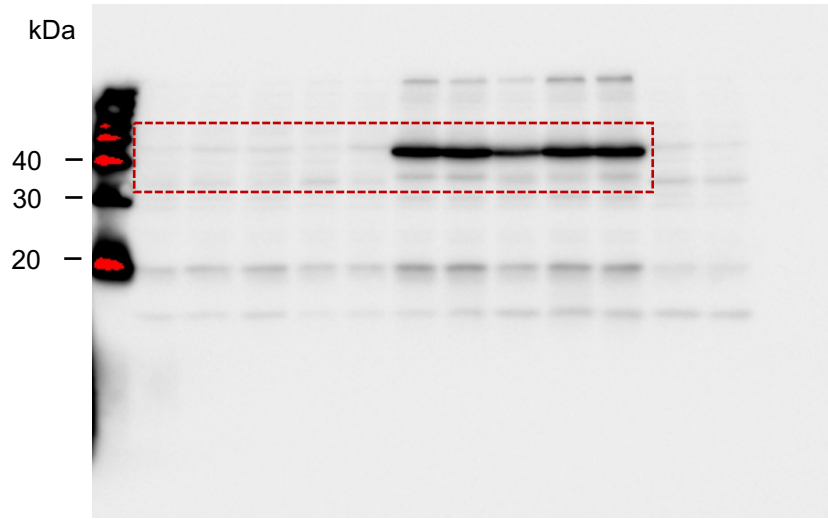


Climp-63 (RFP or Myc tagged) (Abcam)



Ext Data Fig. 6b

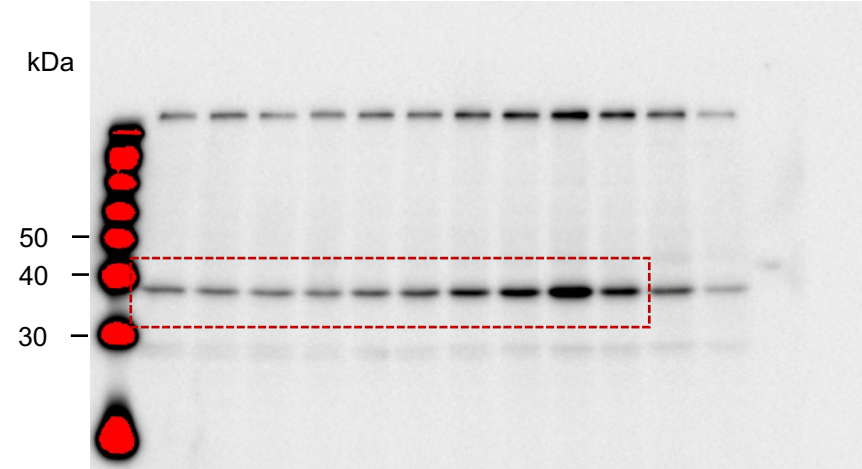
Reep5 (GFP tagged)



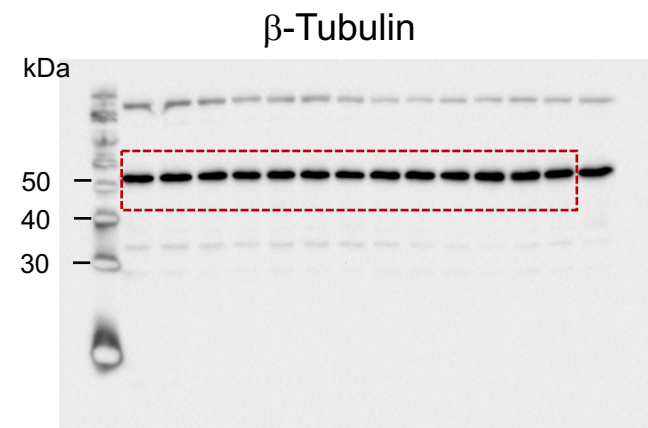
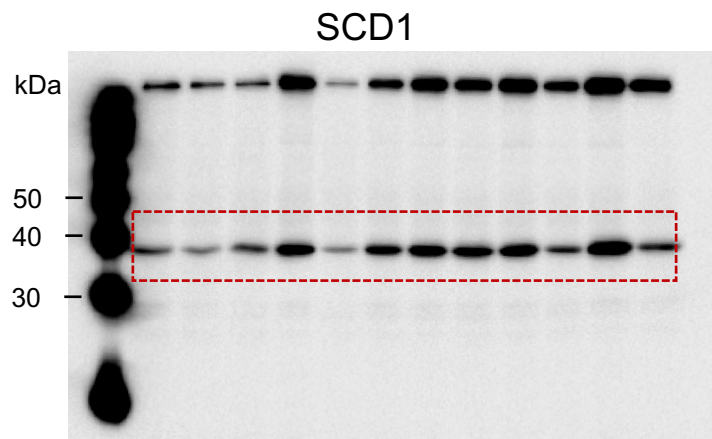
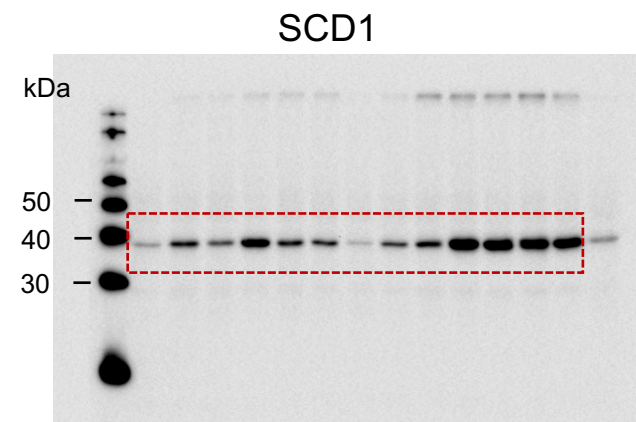
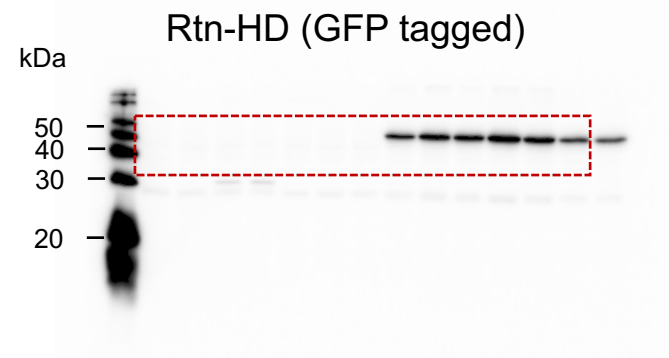
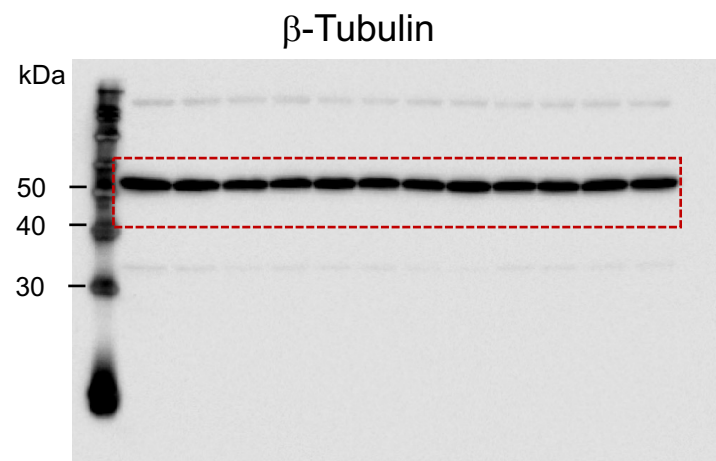
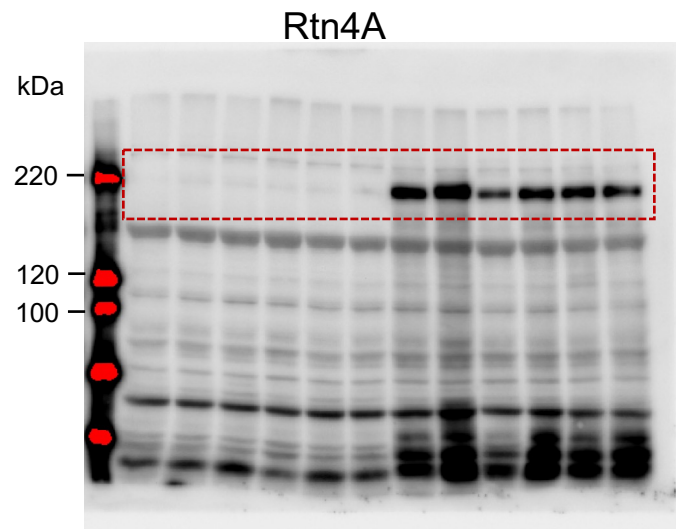
β -Tubulin



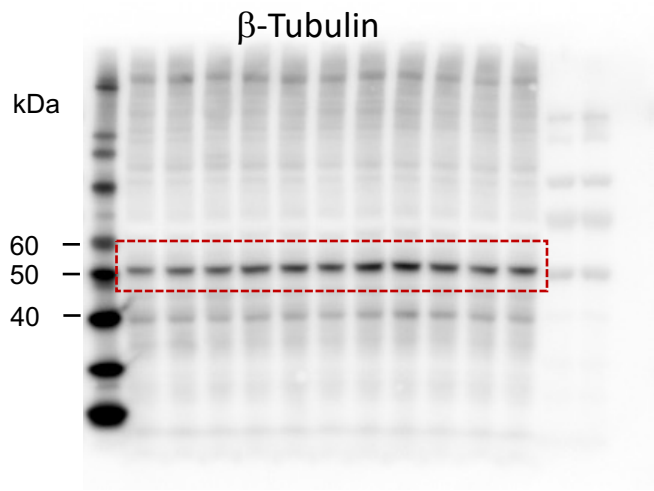
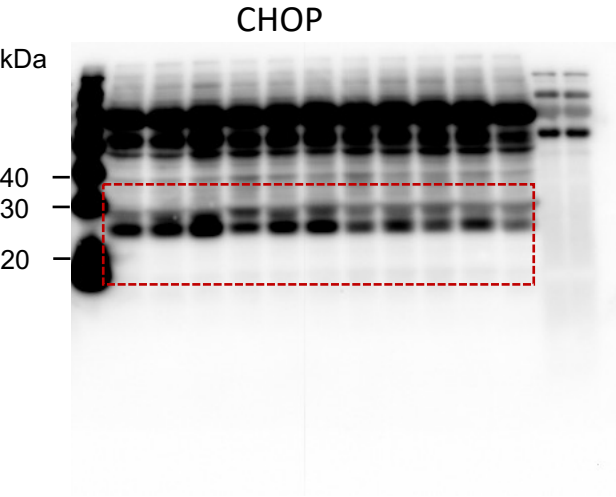
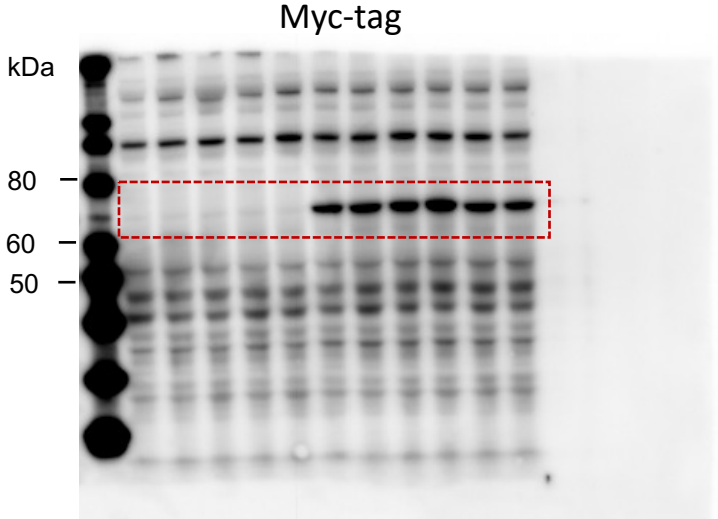
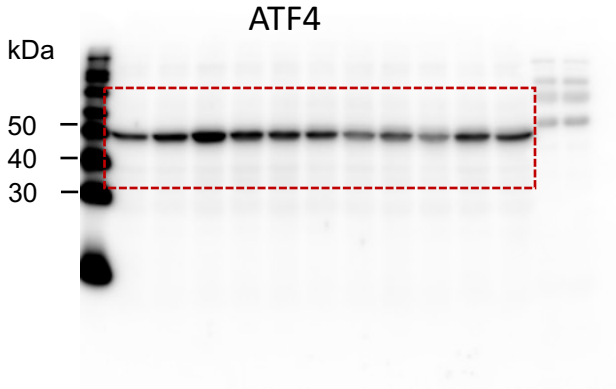
SCD1



Ext Data Fig. 6h

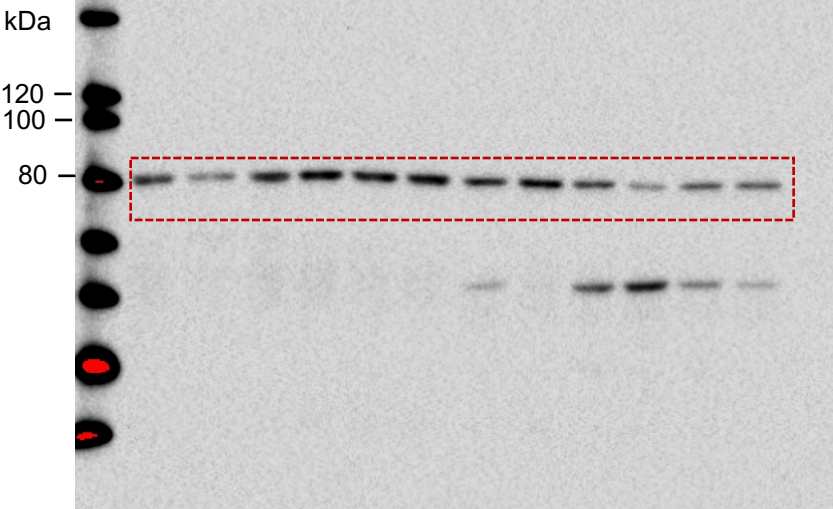


Ext Data Fig. 9b

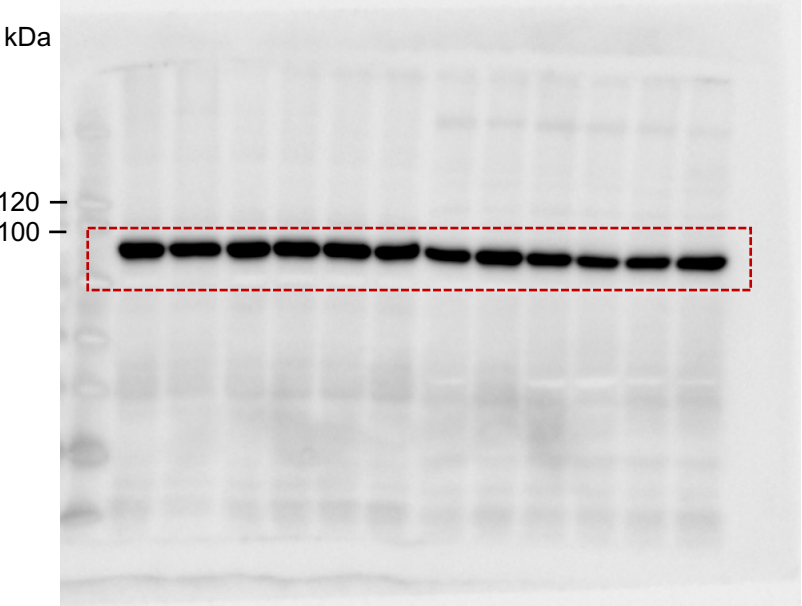


Ext Data Fig. 9c

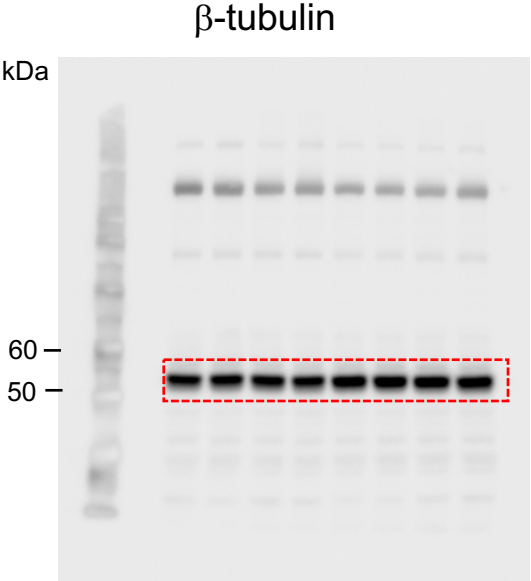
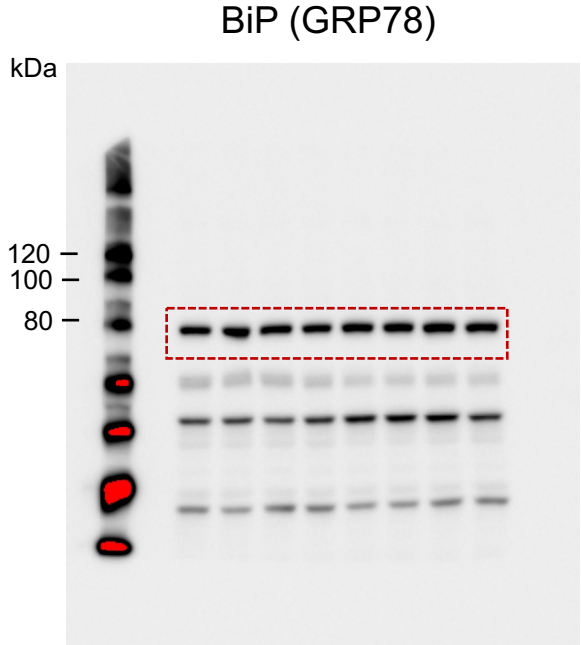
BiP (GRP78)



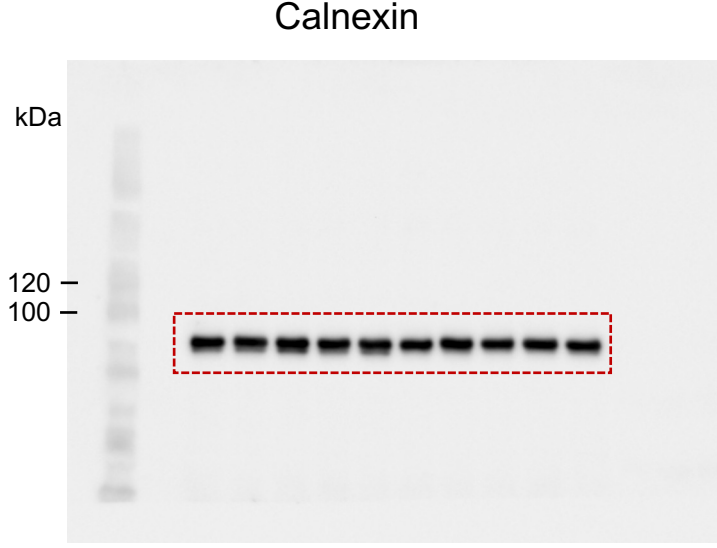
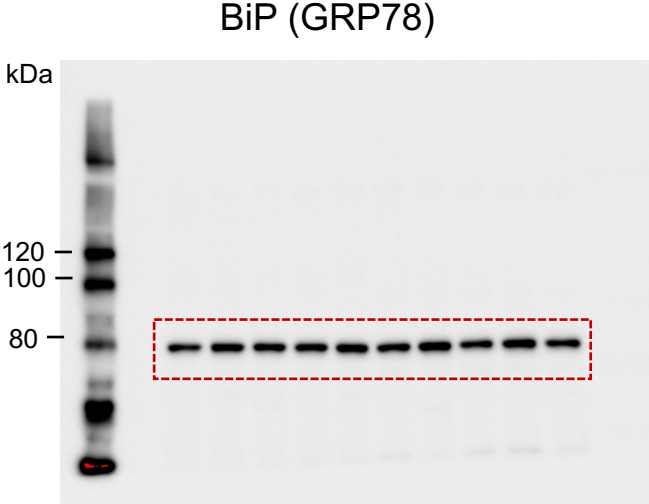
Calnexin



Ext Data Fig. 9d

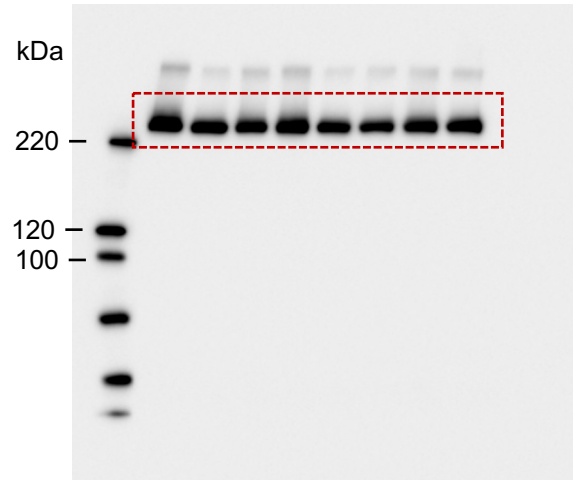


Ext Data Fig. 9e

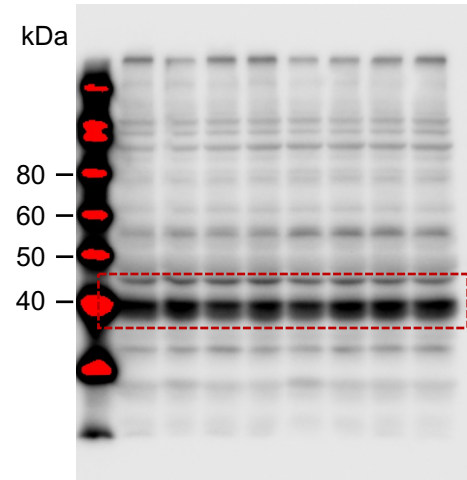


Ext Data Fig. 10a

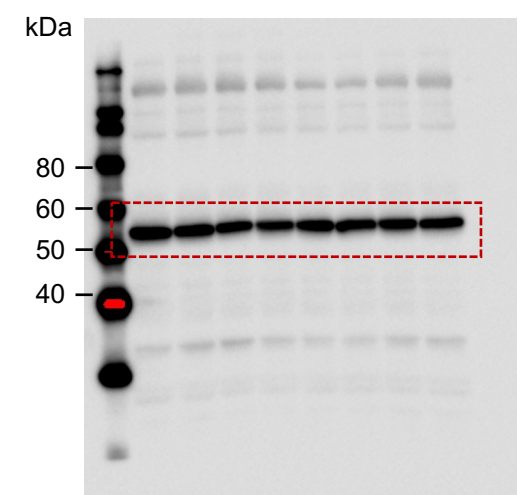
FAS



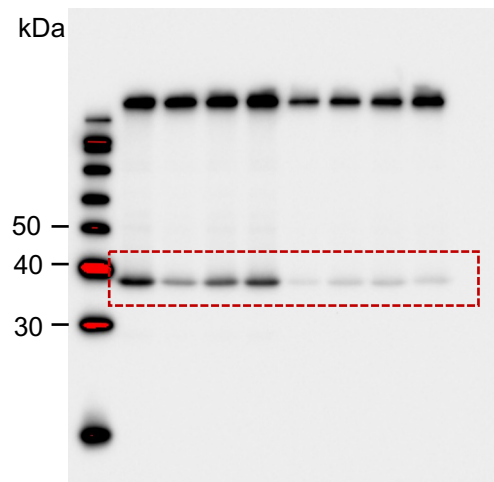
DGAT2



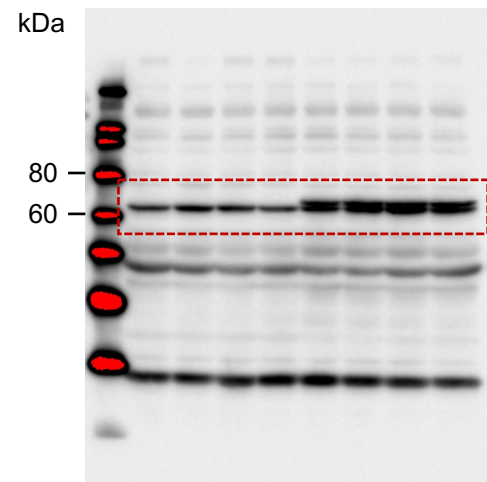
β -tubulin



SCD1

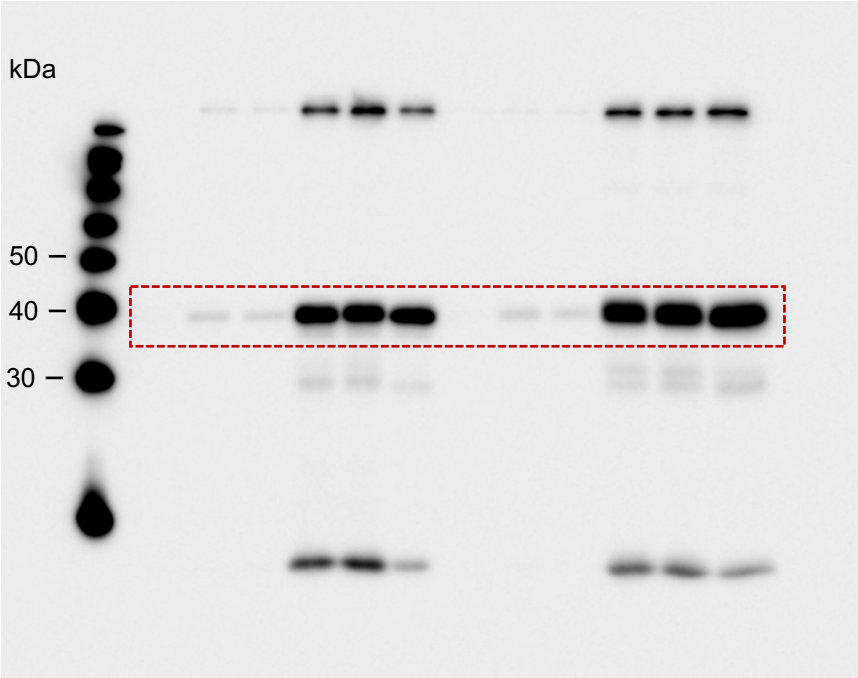


Climp63



Ext Data Fig. 10b

SCD1



Ext Data Fig. 10c

