

Starvation-induced metabolic rewiring affects mTORC1 composition *in vivo*

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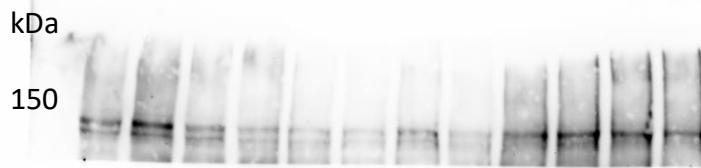
Supplementary Information – Western Blot full data

All Western Blot were developed with Fusion Chemiluminsecence developer (Vilber, France). Shown are mostly merged pictures of blot and size marker picture. Size of nearest marker band is indicated.

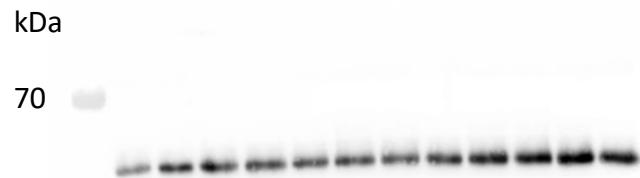
Figure 3

tritosomes

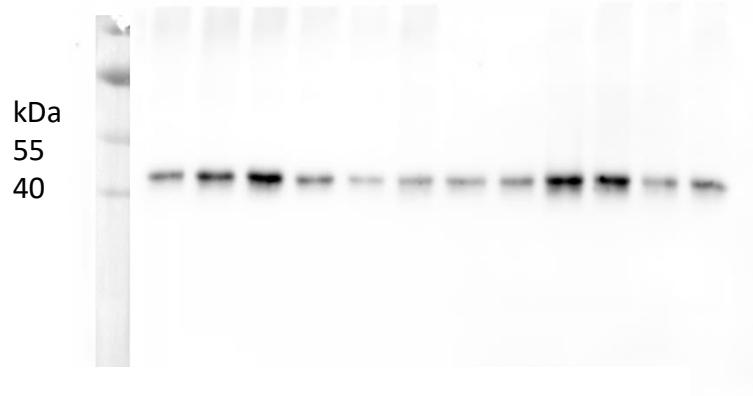
Raptor



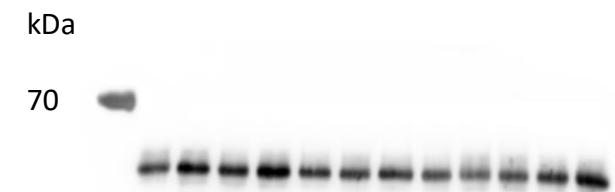
Tpp1



Pras40



Tpp1



liver lysate

kDa

150

Raptor

kDa

40

Gapdh

kDa

55

Pras40

kDa

40

Gapdh

kDa

40

Figure 3

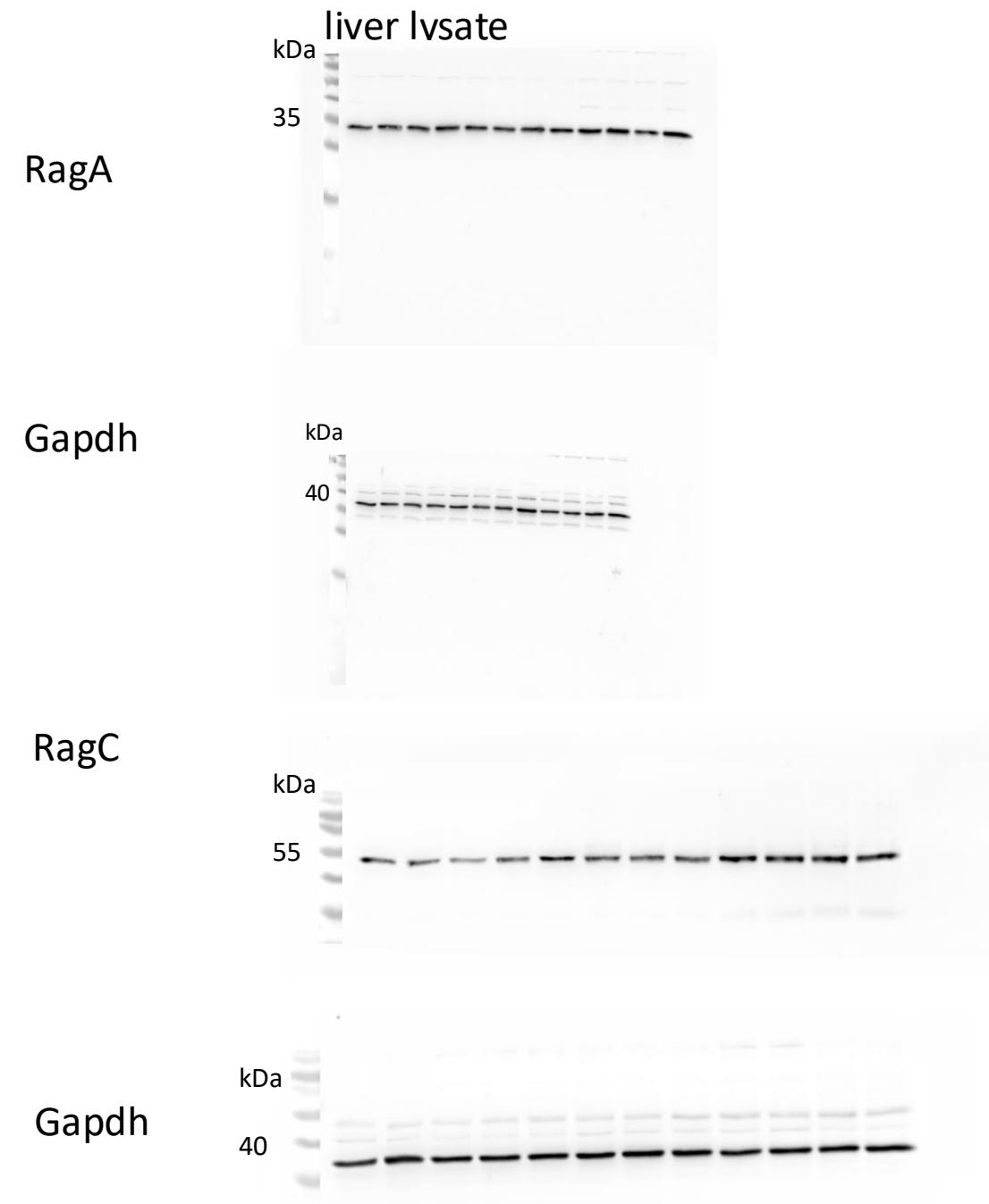
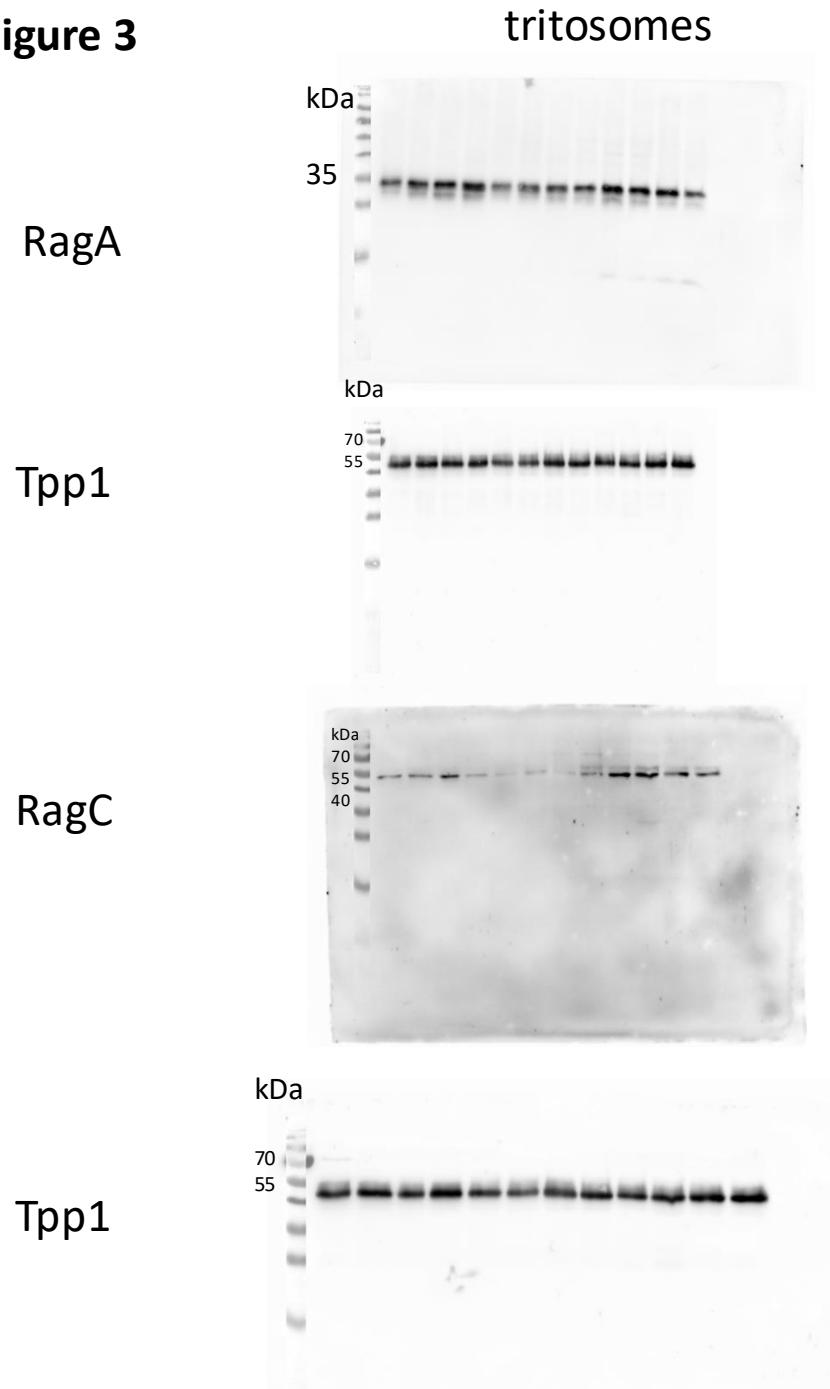


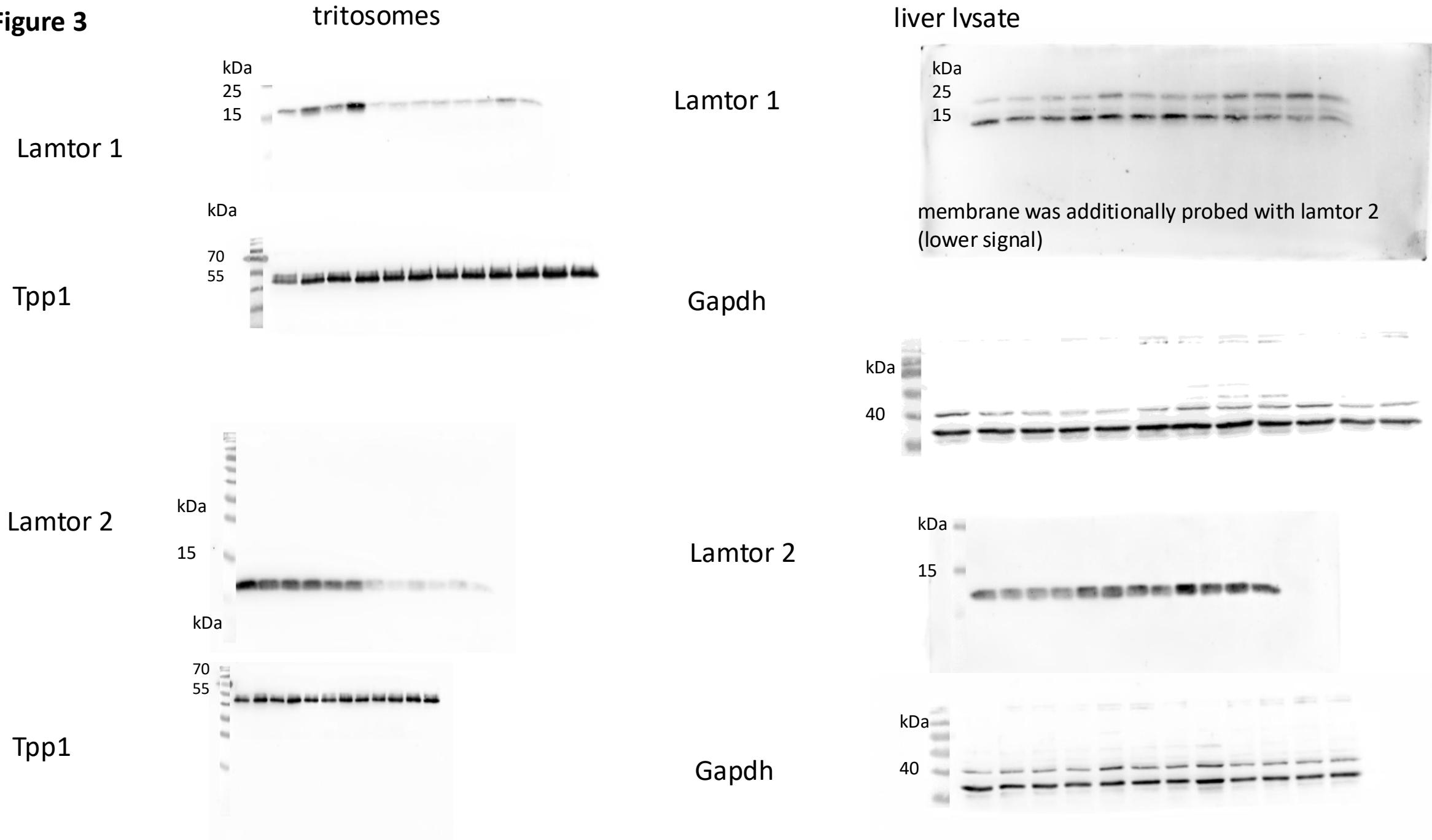
Figure 3

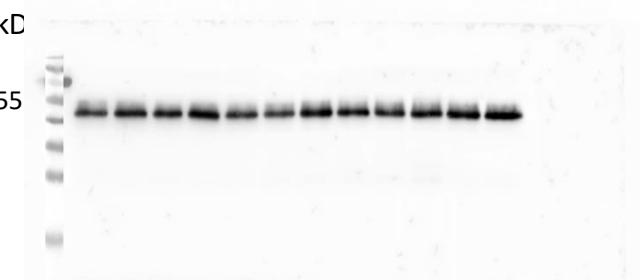
Figure 3

tritosomes

Lamtor 5



Tpp1



Lamtor 5

liver lysate



Gapdh

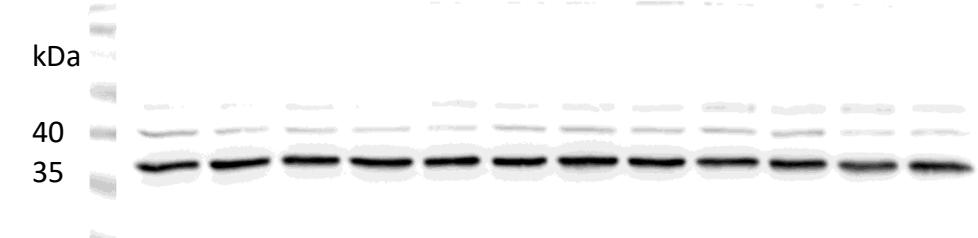
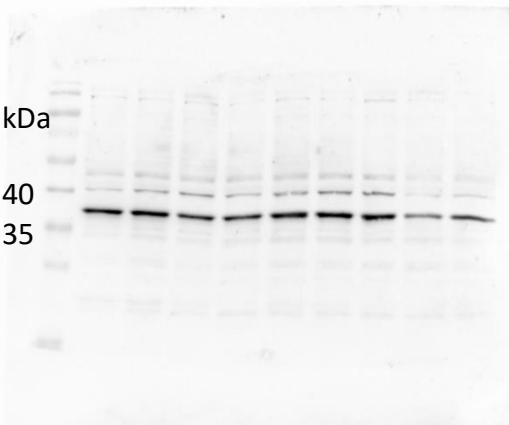
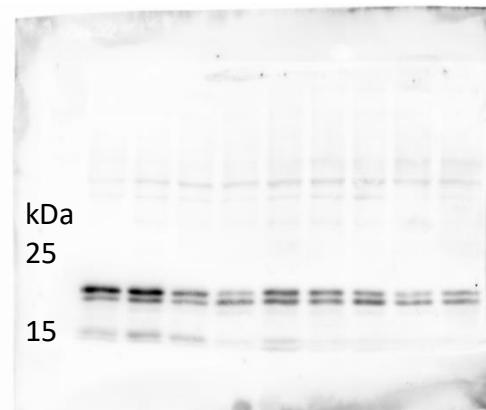


Figure 4 Panel B

Gapdh 0, 6, 9h



P-4E-BP1 0, 6, 9h



P-4E-BP1 0,12,16,20h



Gapdh 0,12,16,20h

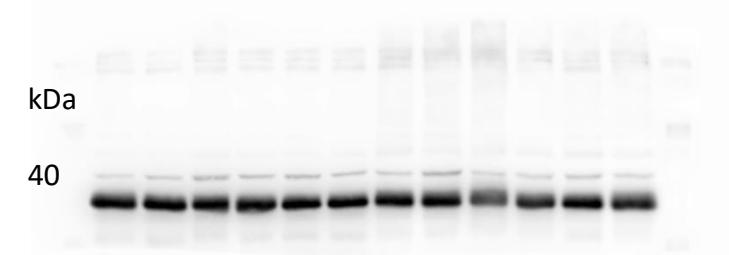
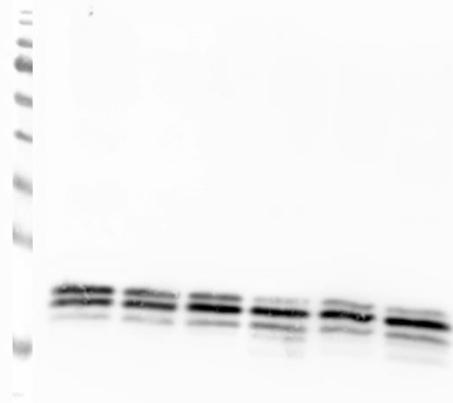


Figure 4 Panel B

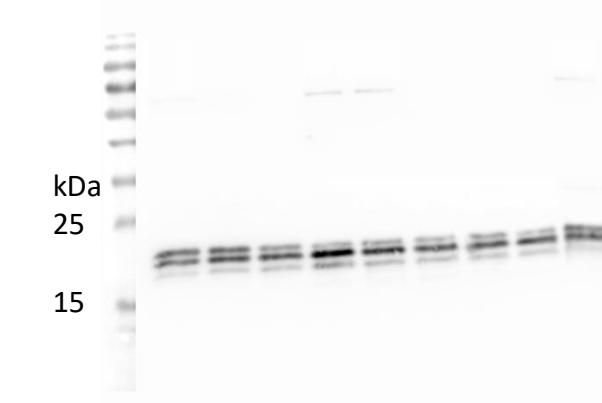
4E-BP1 0,6,9 h



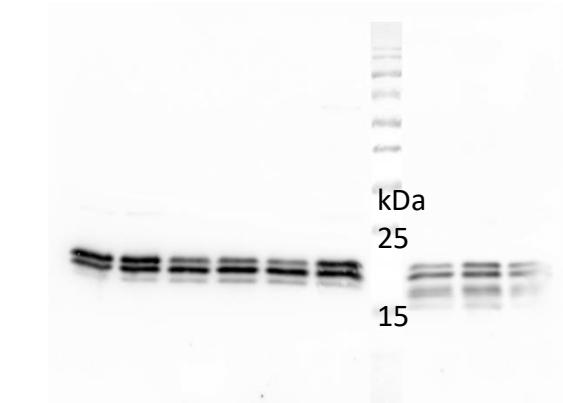
4E-BP1 0,12 h



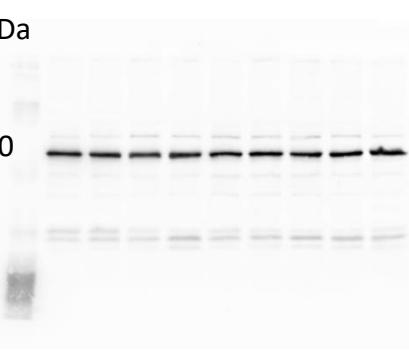
4E-BP1 0,16 h



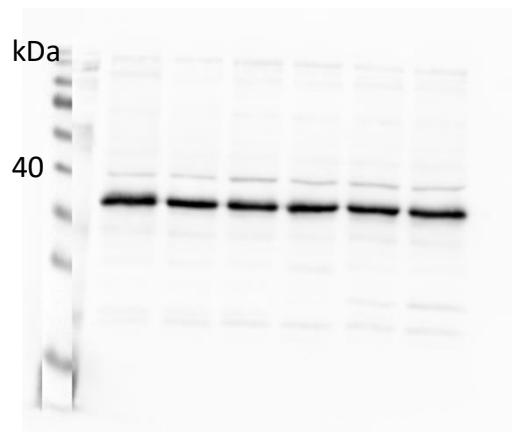
4E-BP1 0,20 h



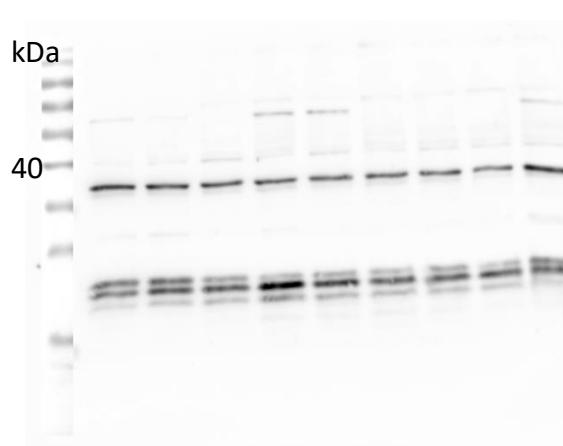
Gapdh 0, 6, 9, 12 h



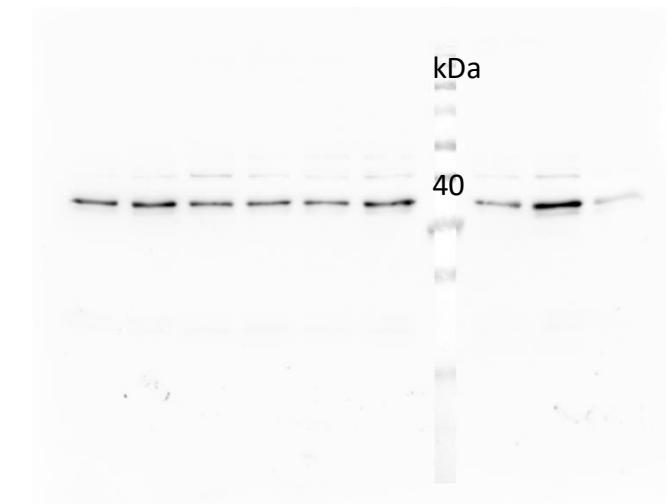
Gapdh 0,16,20 h



Gapdh 0,16 h



Gapdh 0, 20h



Last three lanes of blot are additional samples not displayed in this publication

Last three lanes of blot are additional samples not displayed in this publication

Figure 4 Panel B

P-S6 0, 6, 9, 12 h

P-S6 0, 16,20 h

S6 0, 6, 9, 12 h

S6 0, 16,20 h

kDa
35

kDa
35

kDa
35

kDa
35

Gapdh 0, 6, 9, 12 h

Gapdh 0,16,20 h

Gapdh 0,16 h

Gapdh 0, 20h

kDa

40

kDa

40

kDa

40

kDa

40

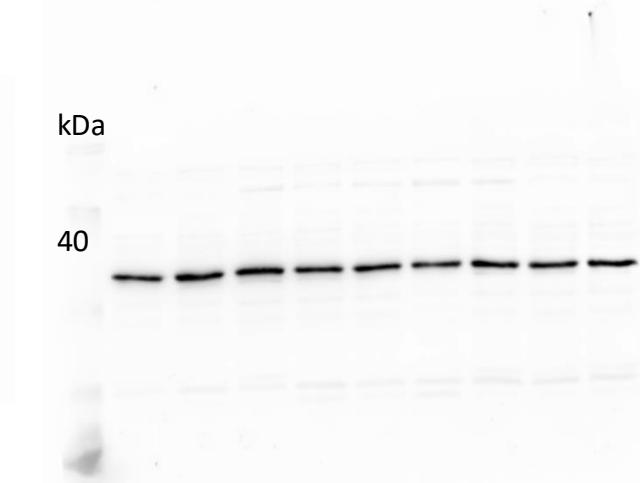
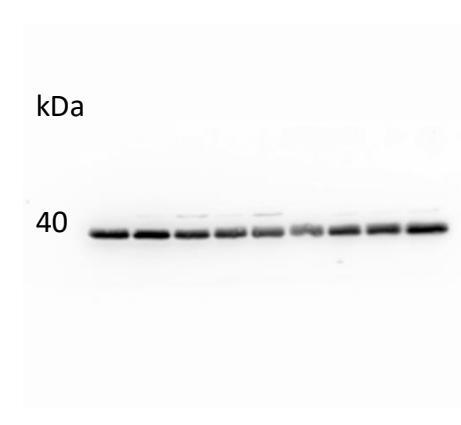
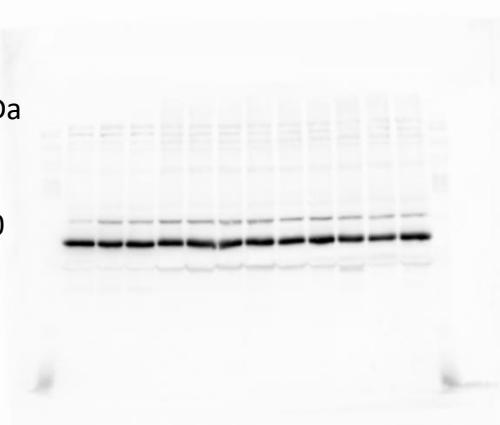


Figure 4 Panel B

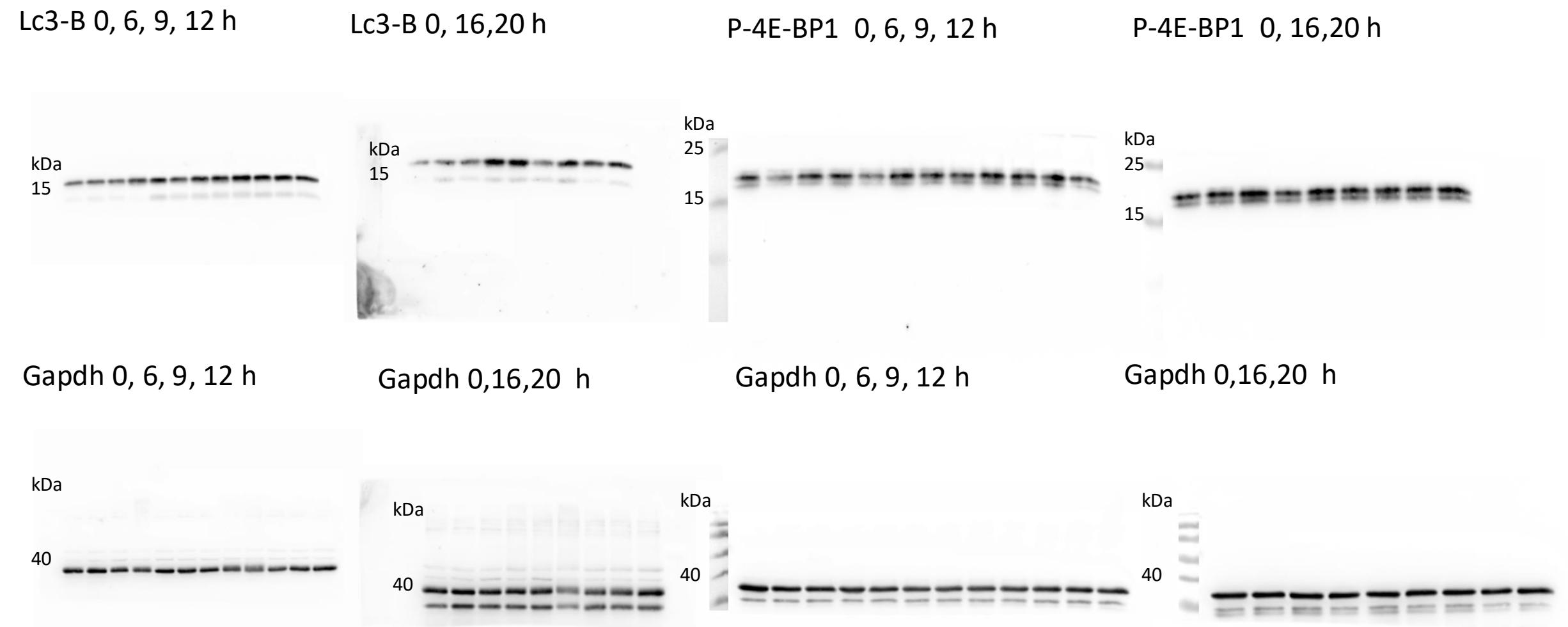
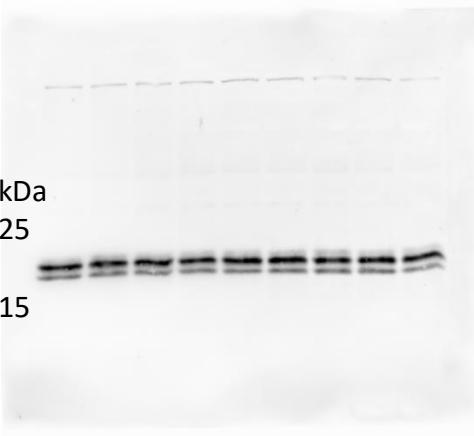


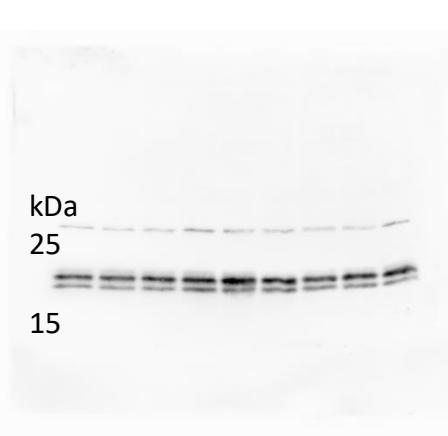
Figure 4 Panel C

Figure 4 Panel C

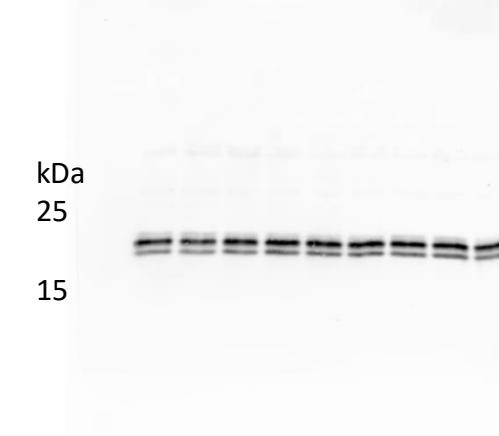
4E-BP1 0, 6, 9 h



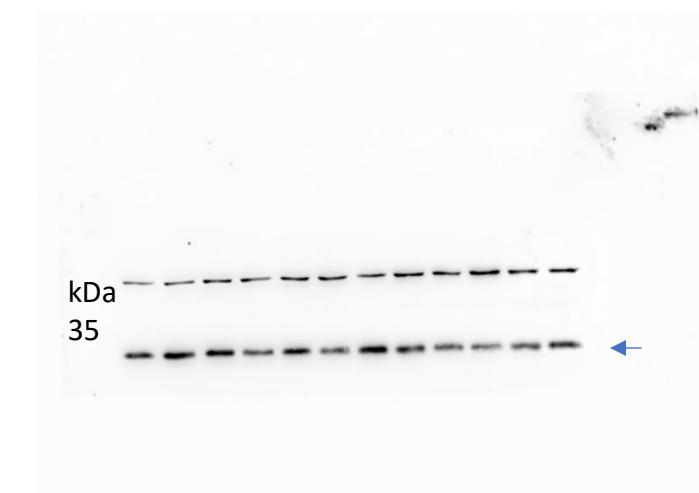
4E-BP1 0, 12 h



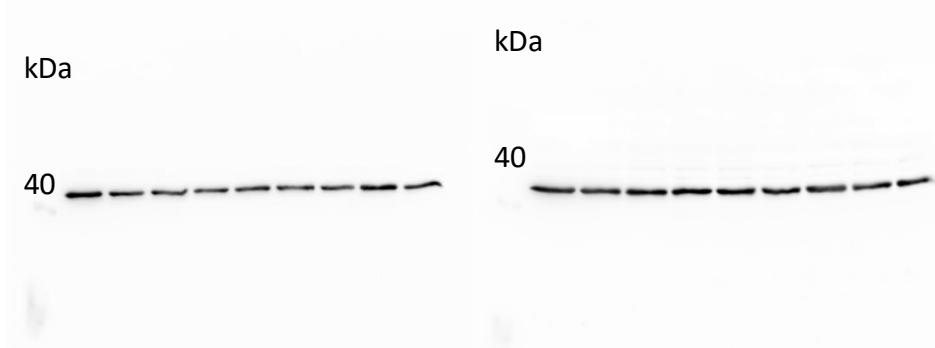
4E-BP1 0, 16,20 h



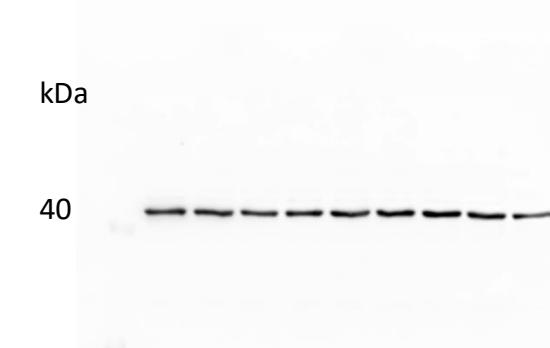
P-S6 0, 6, 9, 12 h



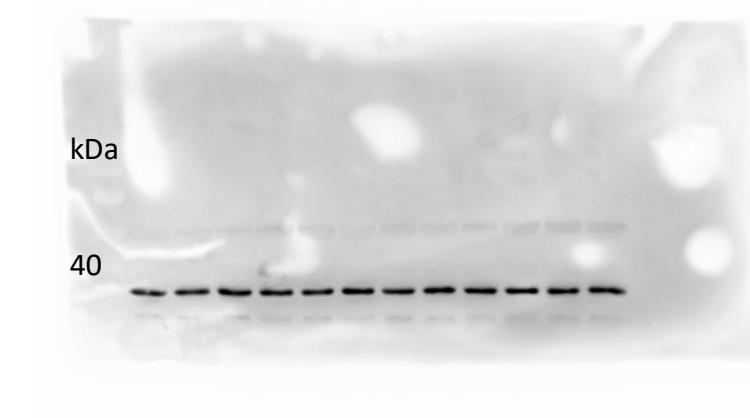
Gapdh 0, 6, 9 h



Gapdh 0,16,20 h



Gapdh 0, 6, 9, 12 h



Last three lanes of blot are additional samples not displayed in this publication

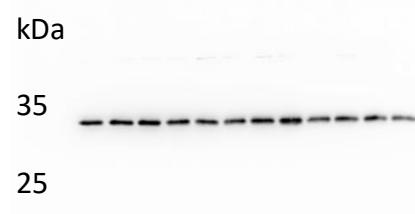
Blot with several target exposures, p-S6 band marked with arrow

Figure 4 Panel C

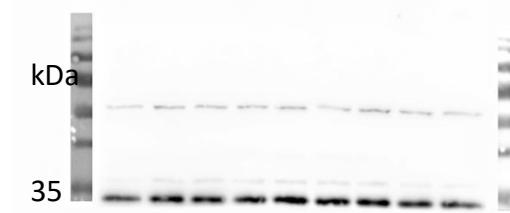
P-S6 0, 16,20 h



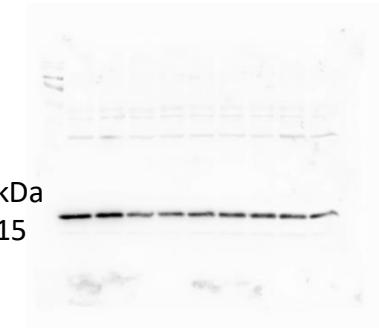
S6 0, 6, 9, 12 h



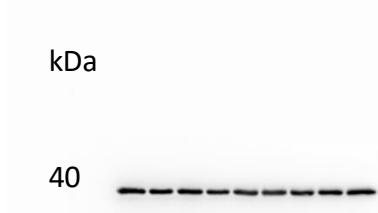
S6 0, 16,20 h



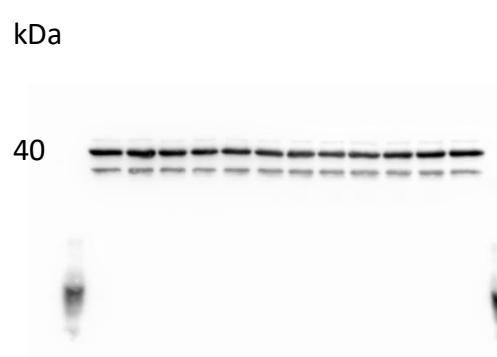
Lc3-B 0, 6, 9 h



Gapdh 0, 16,20 h



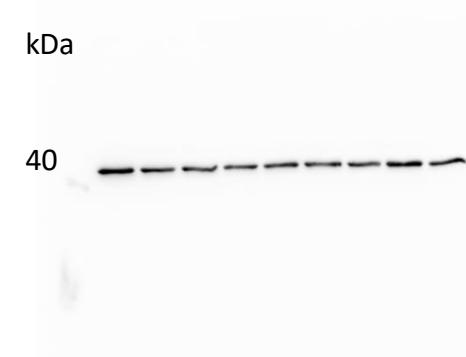
Gapdh 0, 6, 9, 12 h



Gapdh 0,16,20 h



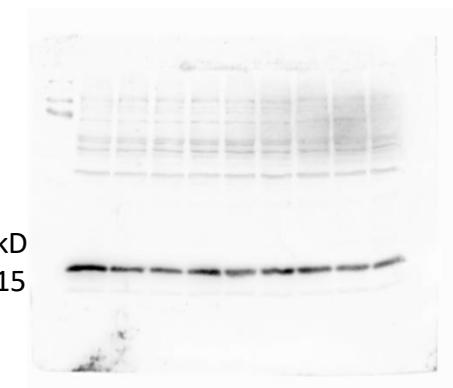
Gapdh 0, 6, 9, 12 h



Blot with several target exposures, p-S6
band marked with arrow

Figure 4 Panel C

Lc3-B 0, 12 h



Lc3-B 0, 16, 20 h

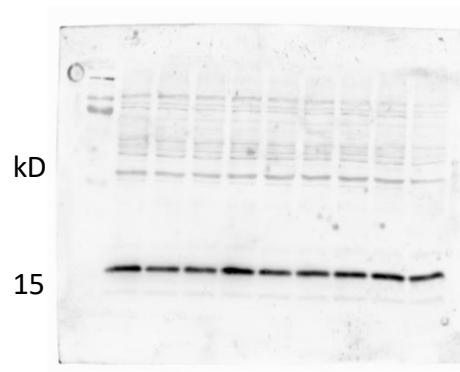
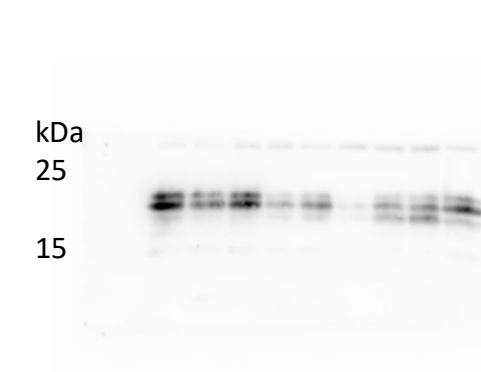


Figure 4 Panel D

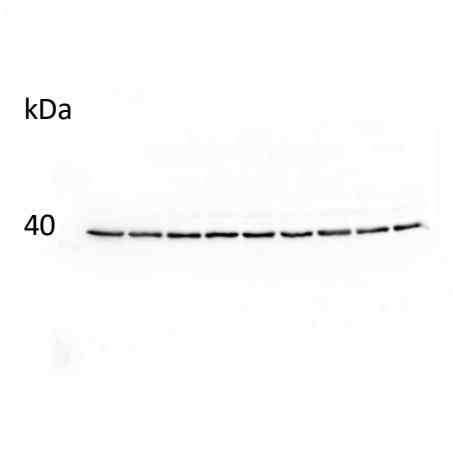
P-4E-BP1 0,6,9,12 h



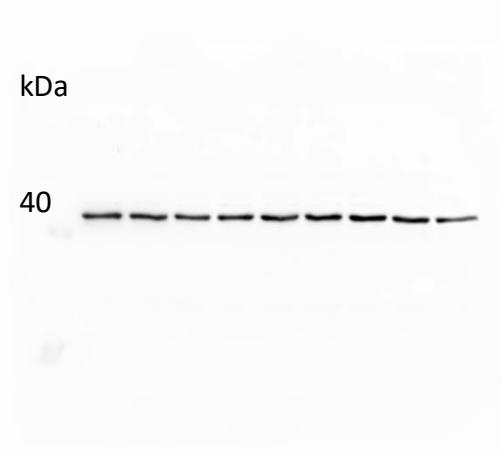
P-4E-BP1 0,16,20 h



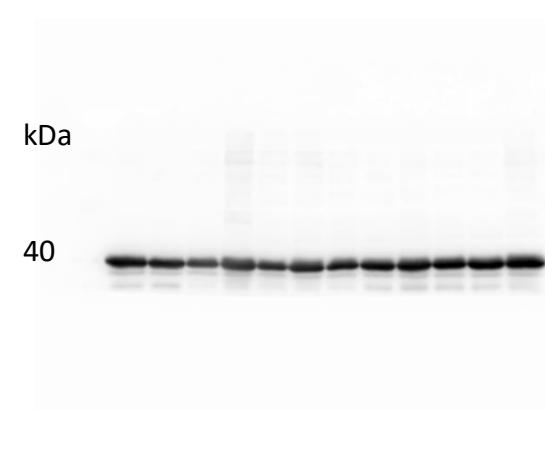
Gapdh 0, 12 h



Gapdh 0, 16, 20 h



Gapdh 0, 6, 9, 12 h



Gapdh 0, 16, 20 h

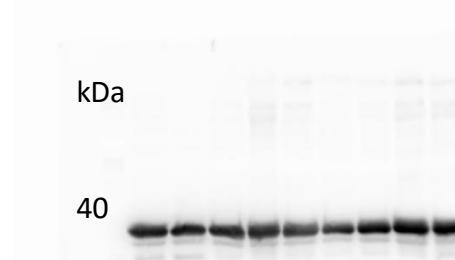
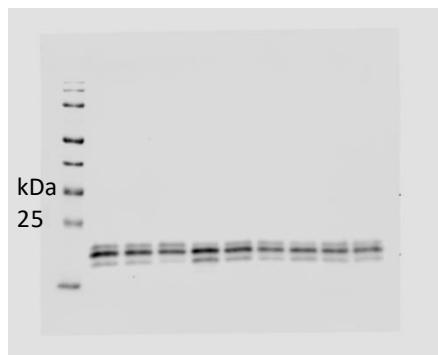
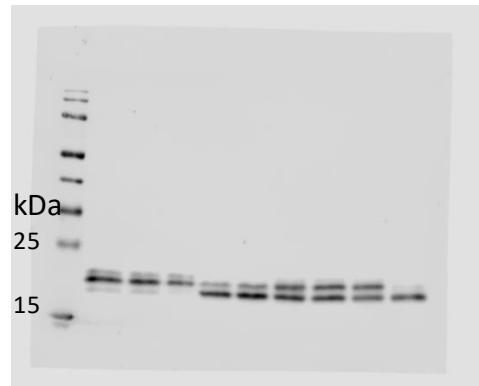


Figure 4 Panel D

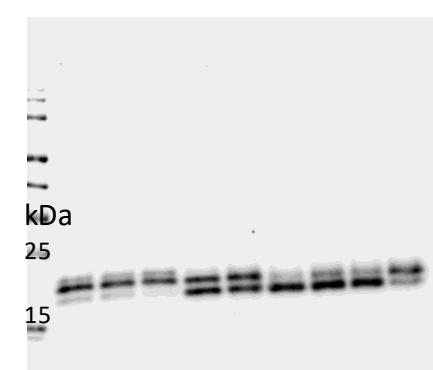
4E-BP1 0,6,9 h



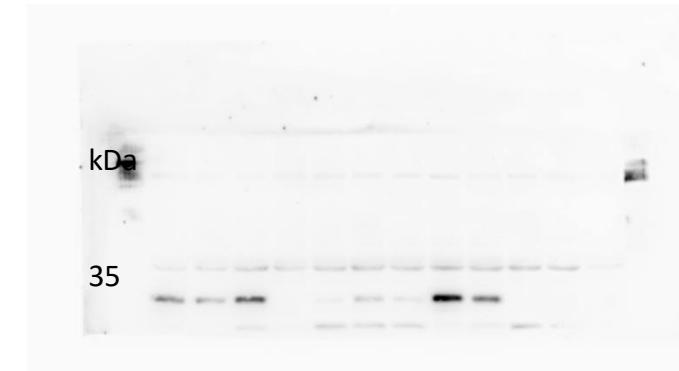
4E-BP1 0, 12 h



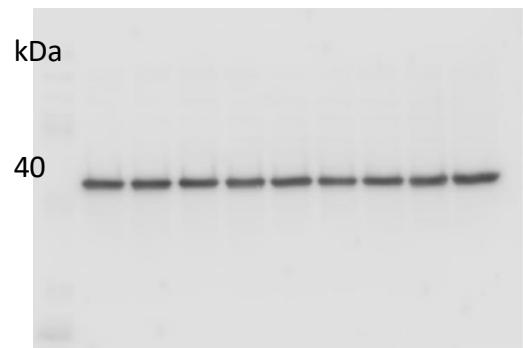
4E-BP1 0,16,20 h



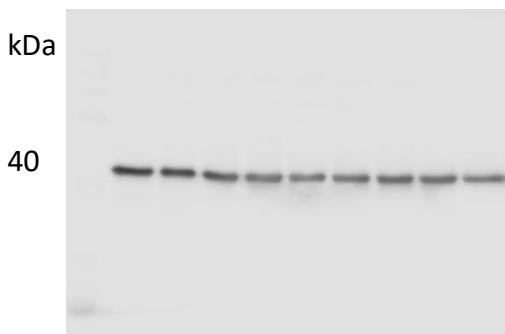
P-S6 0, 6, 9, 12 h



Gapdh 0,6,9 h



Gapdh 0, 12 h



Gapdh 0, 16,20 h



Gapdh 0,6,9,12 h

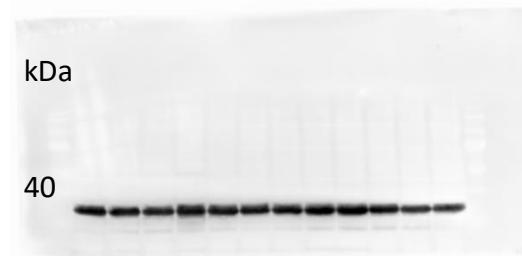


Figure 4 Panel D

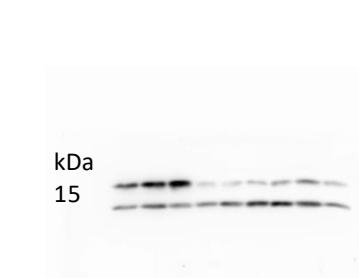
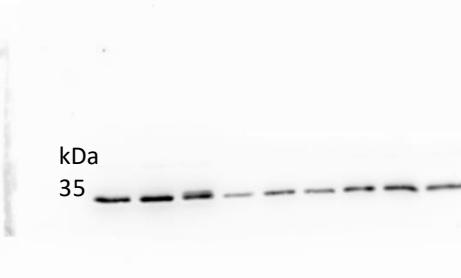
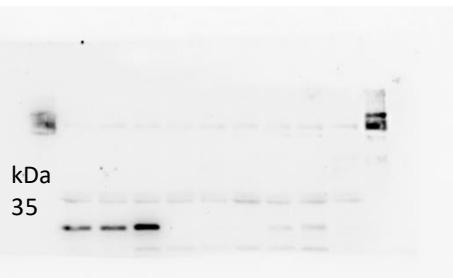
P-S6 0, 16,20 h

S6 0, 6,9,12 h

S6 0, 16,20 h

Lc3-B 0, 6, 9, 12 h

Lc3-B 0, 16, 20h



Gapdh 0,16,20 h

Gapdh 0,6,9, 12 h

Gapdh 0, 16,20 h

Gapdh 0,6,9, 12 h

Gapdh 0, 16,20 h

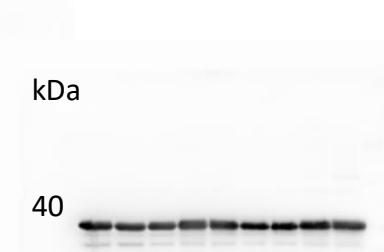
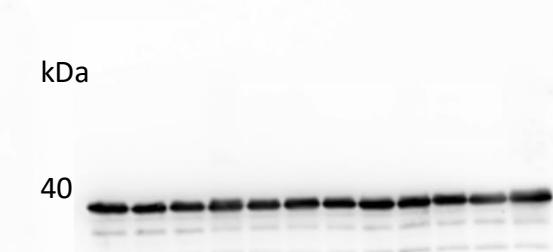
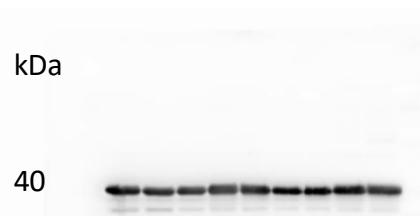


Figure 5 Panel A

tritosomes

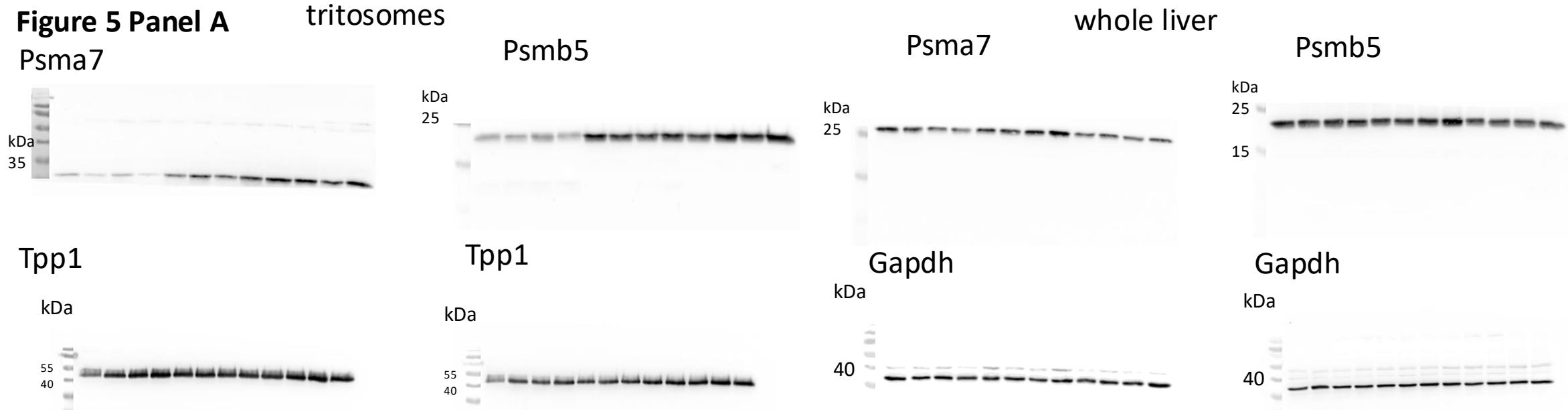
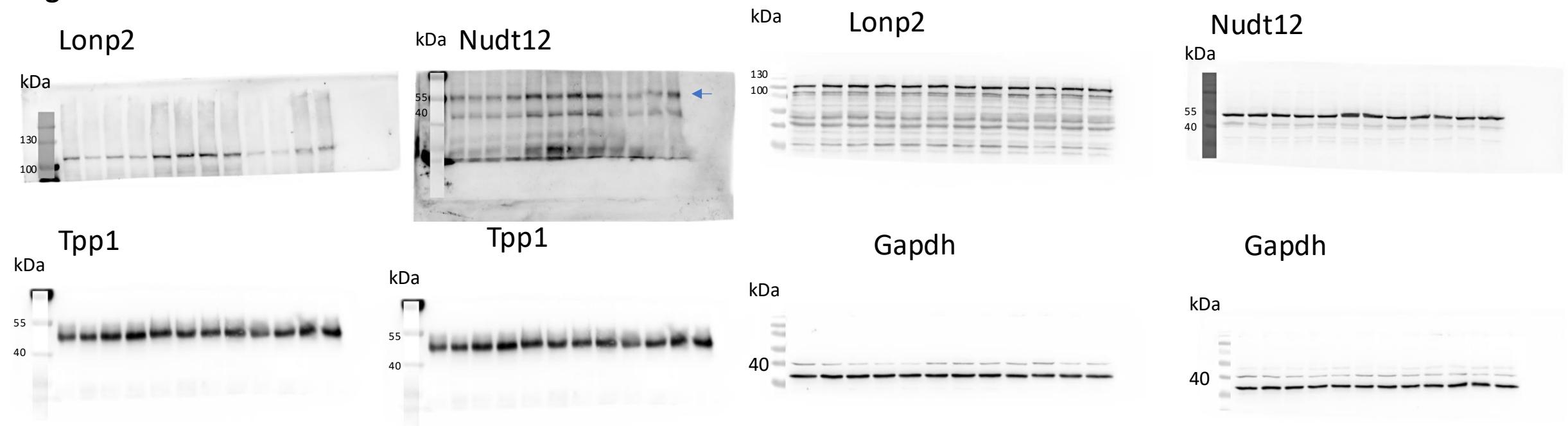
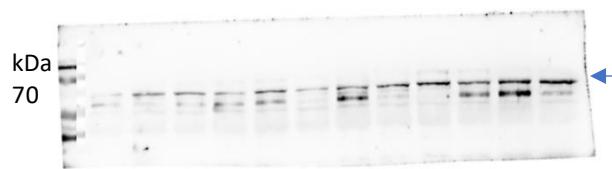
**Figure 5 Panel B**

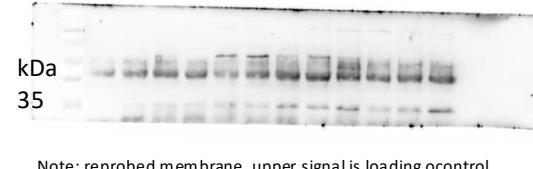
Figure 5 Panel C

tritosomes

Cpt2

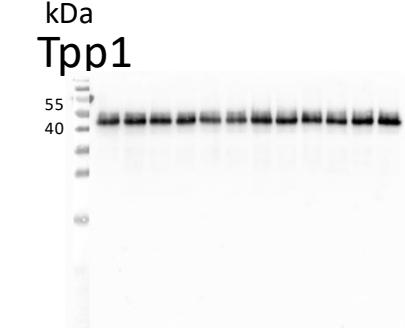
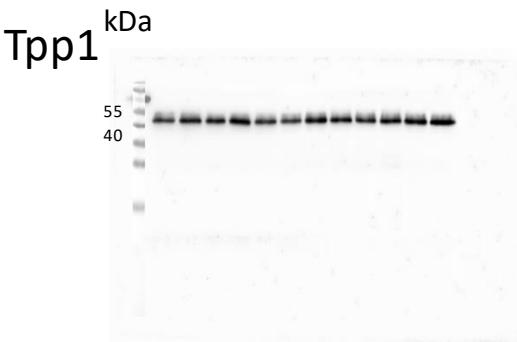


Vdac1

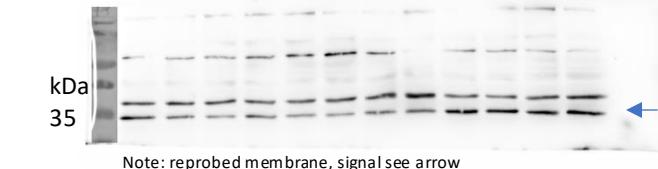


Cpt2

Note: reprobed membrane, upper signal is loading ocontrol

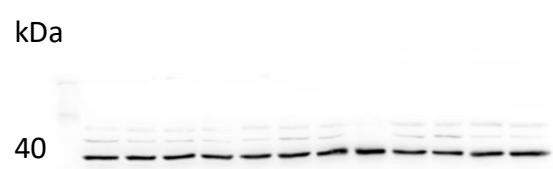


Gapdh

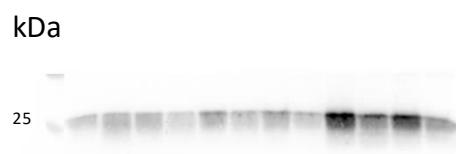


Note: reprobed membrane, signal see arrow

Gapdh



Ndufb7



Ndufb11



Ndufb7



Ndufb11



Tpp1



Tpp1



Gapdh



Gapdh



Supplementary Figure 1

