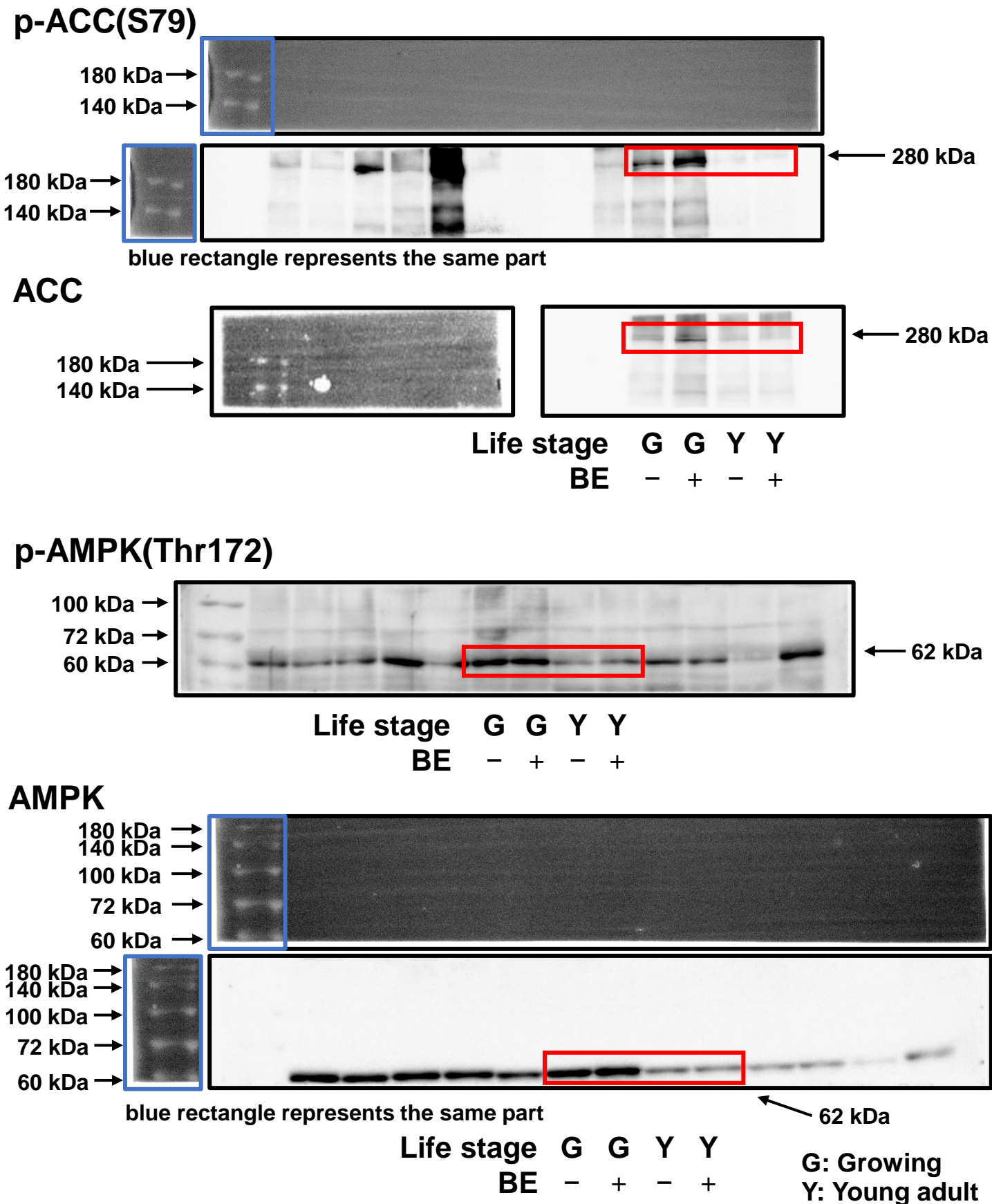
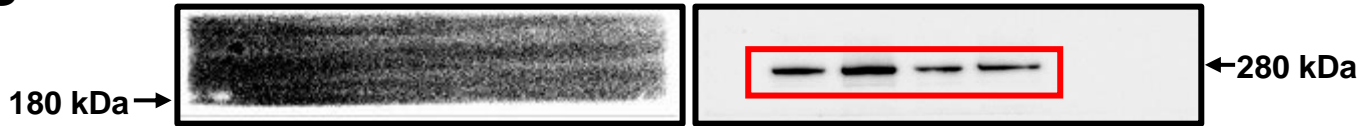


Supplementary Figure.1 (supporting data for Figure.7)

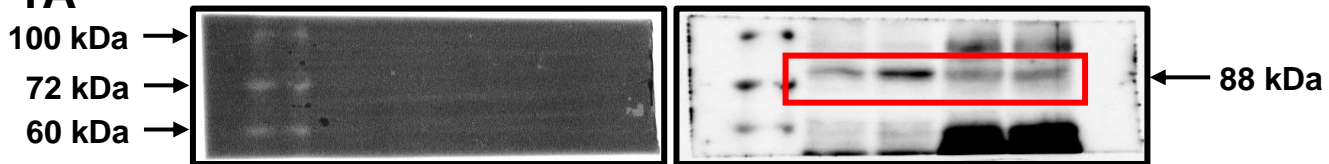


Supplementary Figure.2A (supporting data for Figure.9)

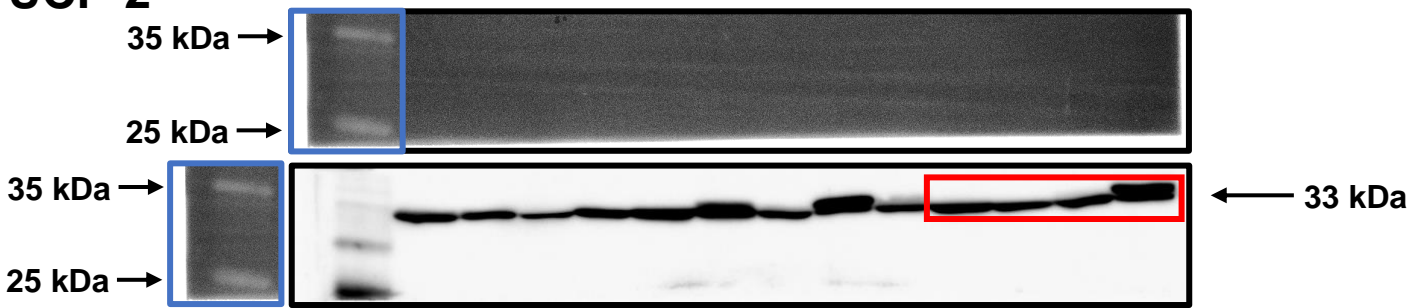
FAS



CPT-1A

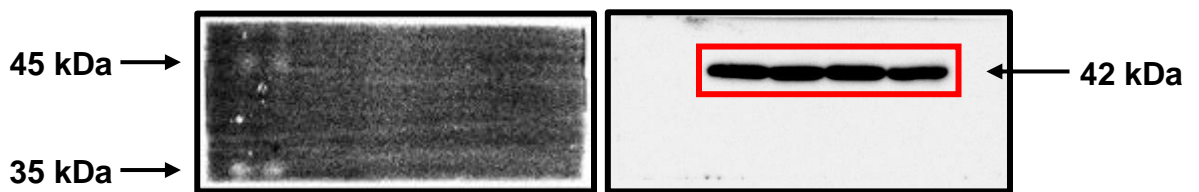


UCP-2



blue rectangle represents the same part

β-actin



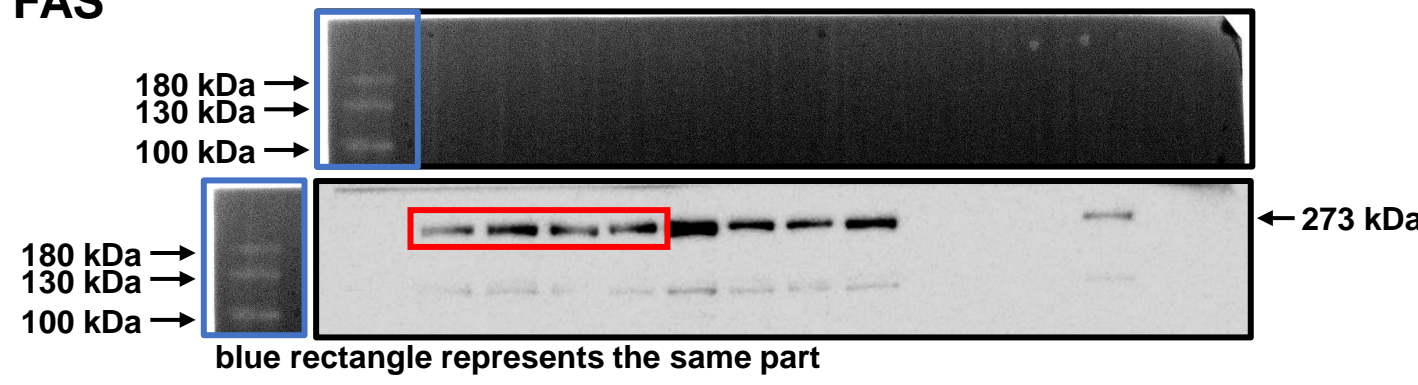
Life stage
BE

G G Y Y
- + - +

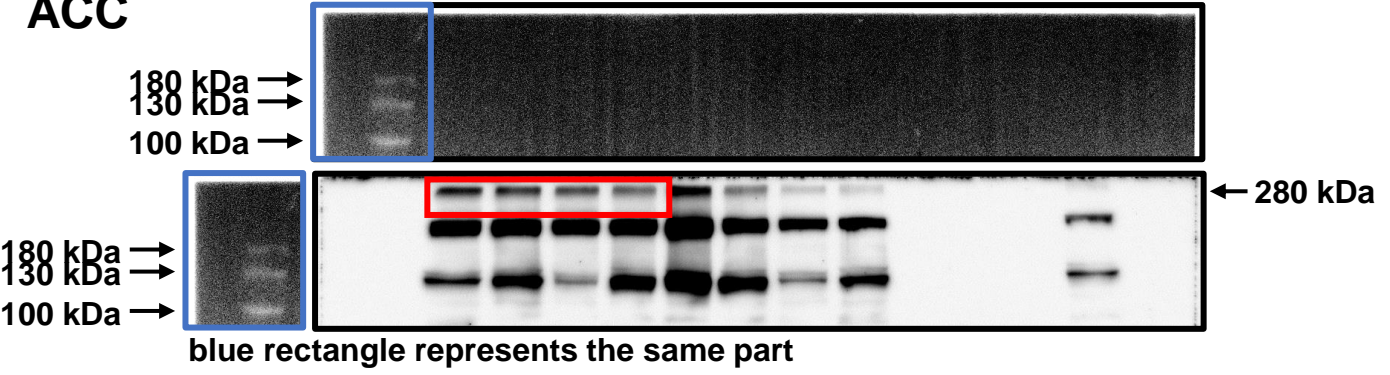
G: Growing
Y: Young adult

Supplementary Figure.2B (supporting data for Figure.9)

FAS

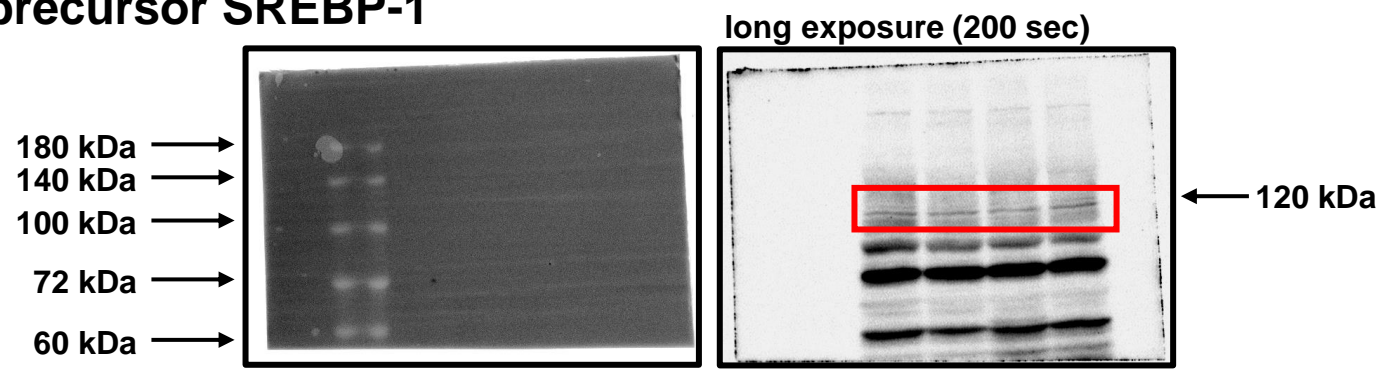


ACC

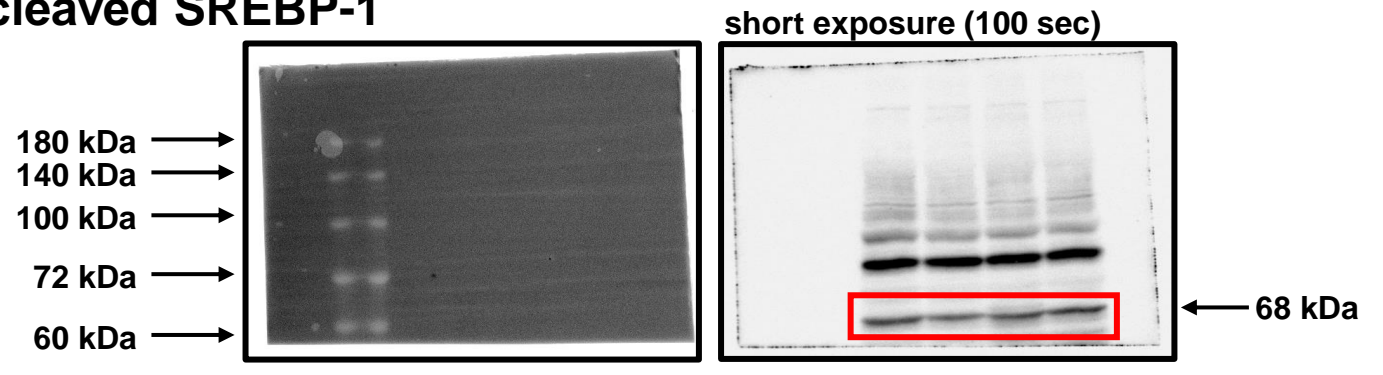


Life stage	G	G	Y	Y
BE	-	+	-	+

precursor SREBP-1



cleaved SREBP-1

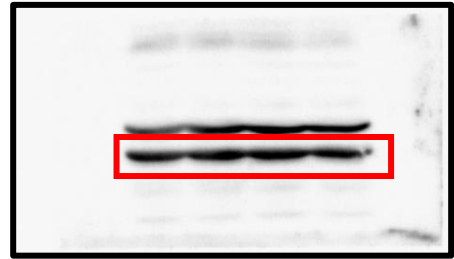
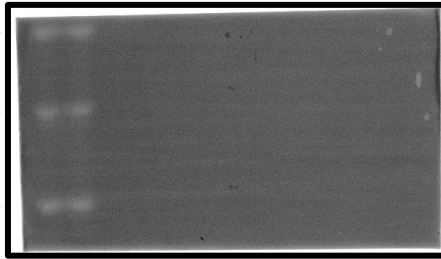


Life stage	G	G	Y	Y	G: Growing
BE	-	+	-	+	Y: Young adult

Supplementary Figure.3A (supporting data for Figure.10)

PPAR α

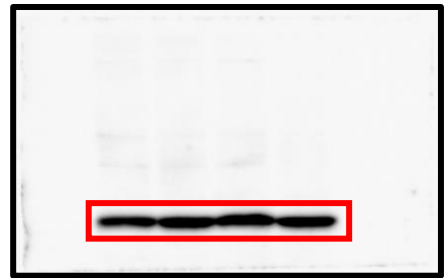
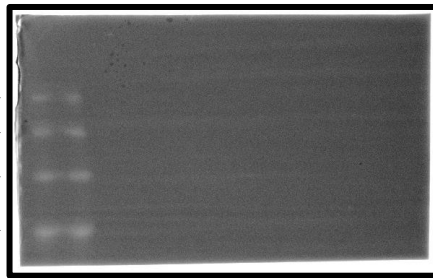
72 kDa →
60 kDa →
45 kDa →



← 55 kDa

CPT-1A

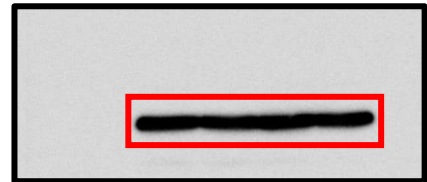
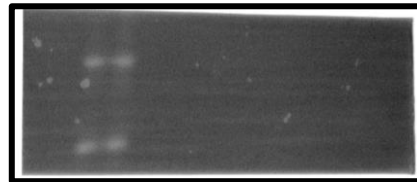
180 kDa →
140 kDa →
100 kDa →
72 kDa →



← 88 kDa

GAPDH

45 kDa →
35 kDa →



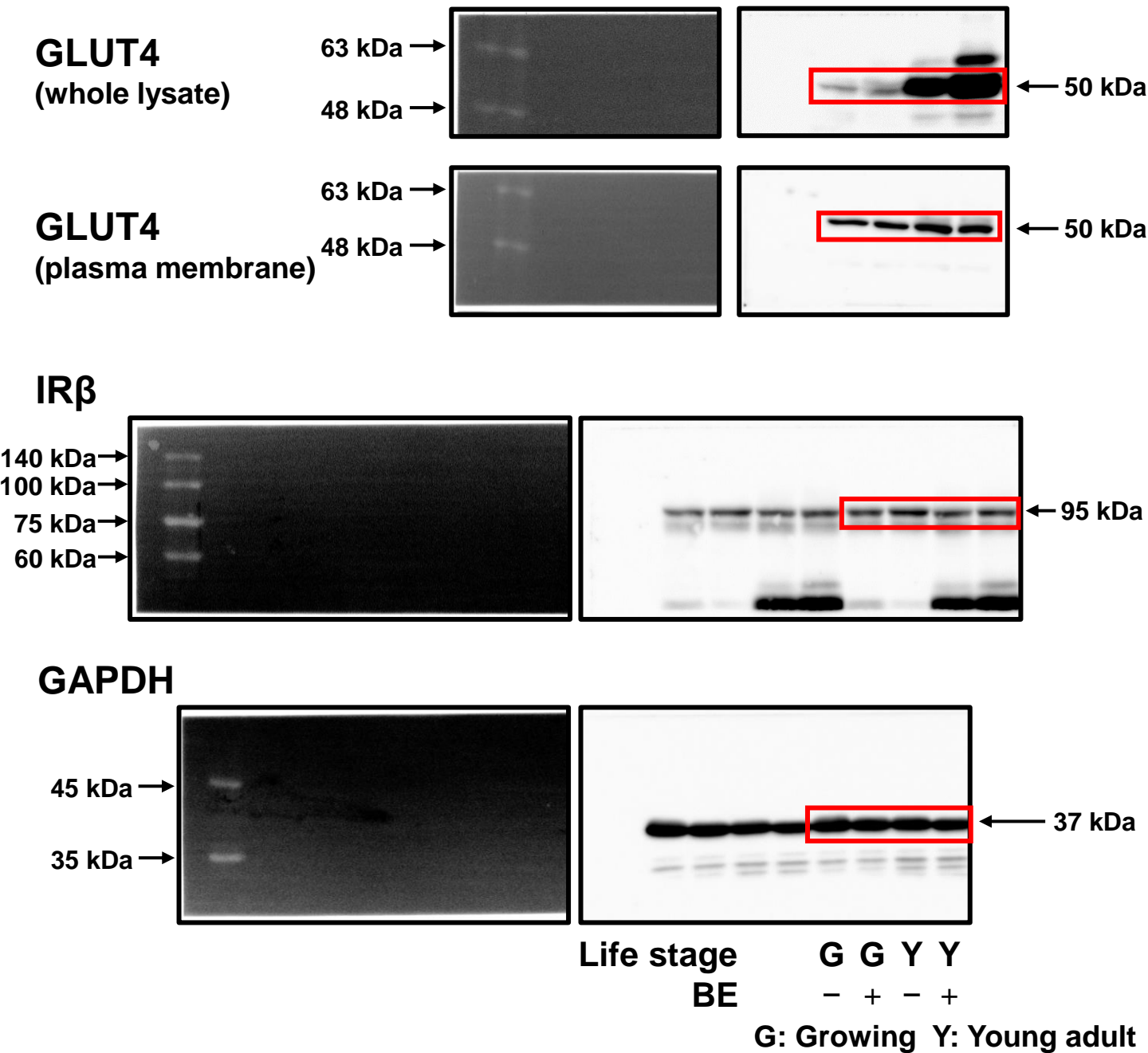
← 37 kDa

Life stage
BE

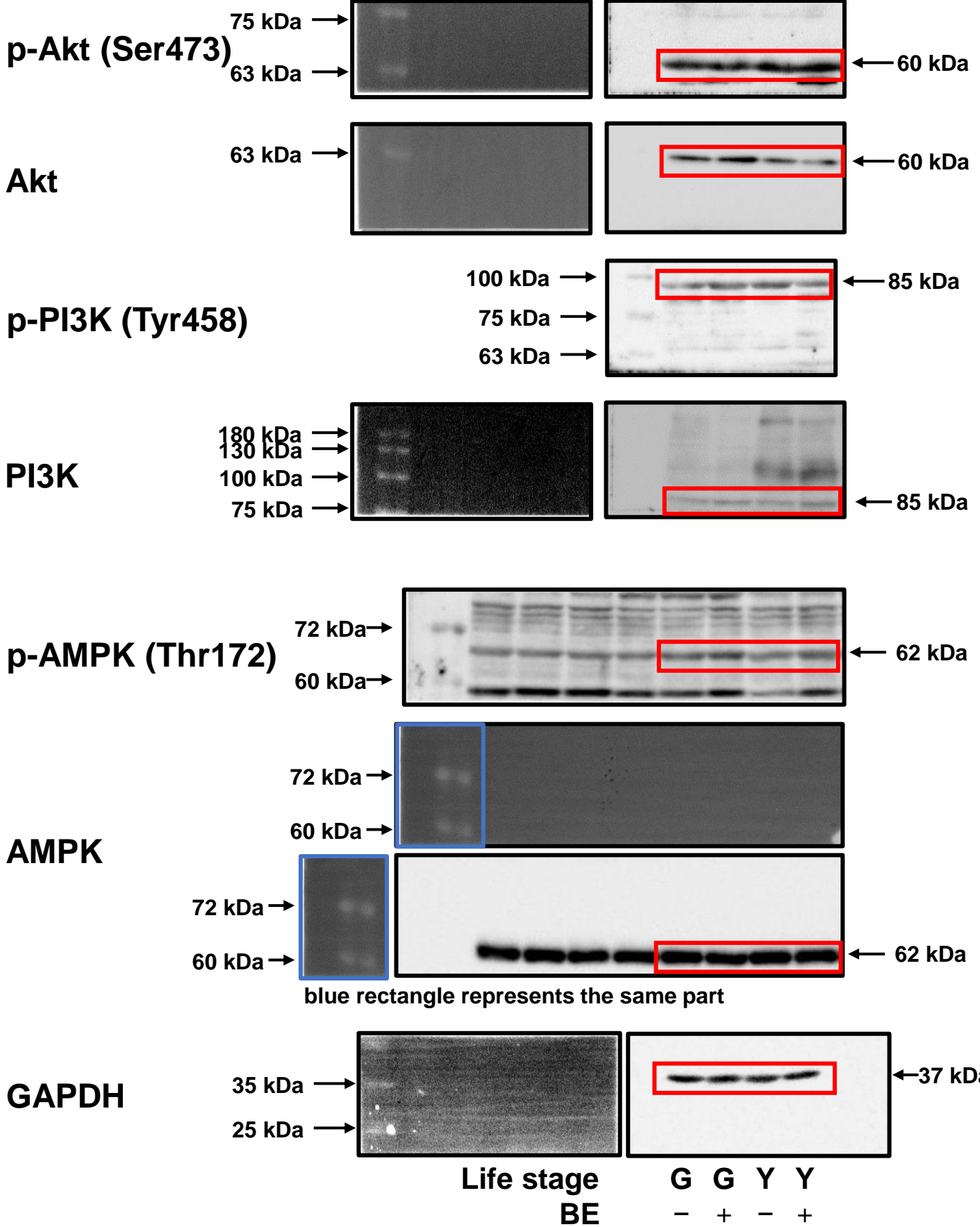
G G Y Y
- + - +

G: Growing Y: Young adult

Supplementary Figure.3B (supporting data for Figure.10)



Supplementary Figure.4A (supporting data for Figure.13A)



G: Growing Y: Young adult
 Supplementary Figure.4B (supporting data for Figure.13B)