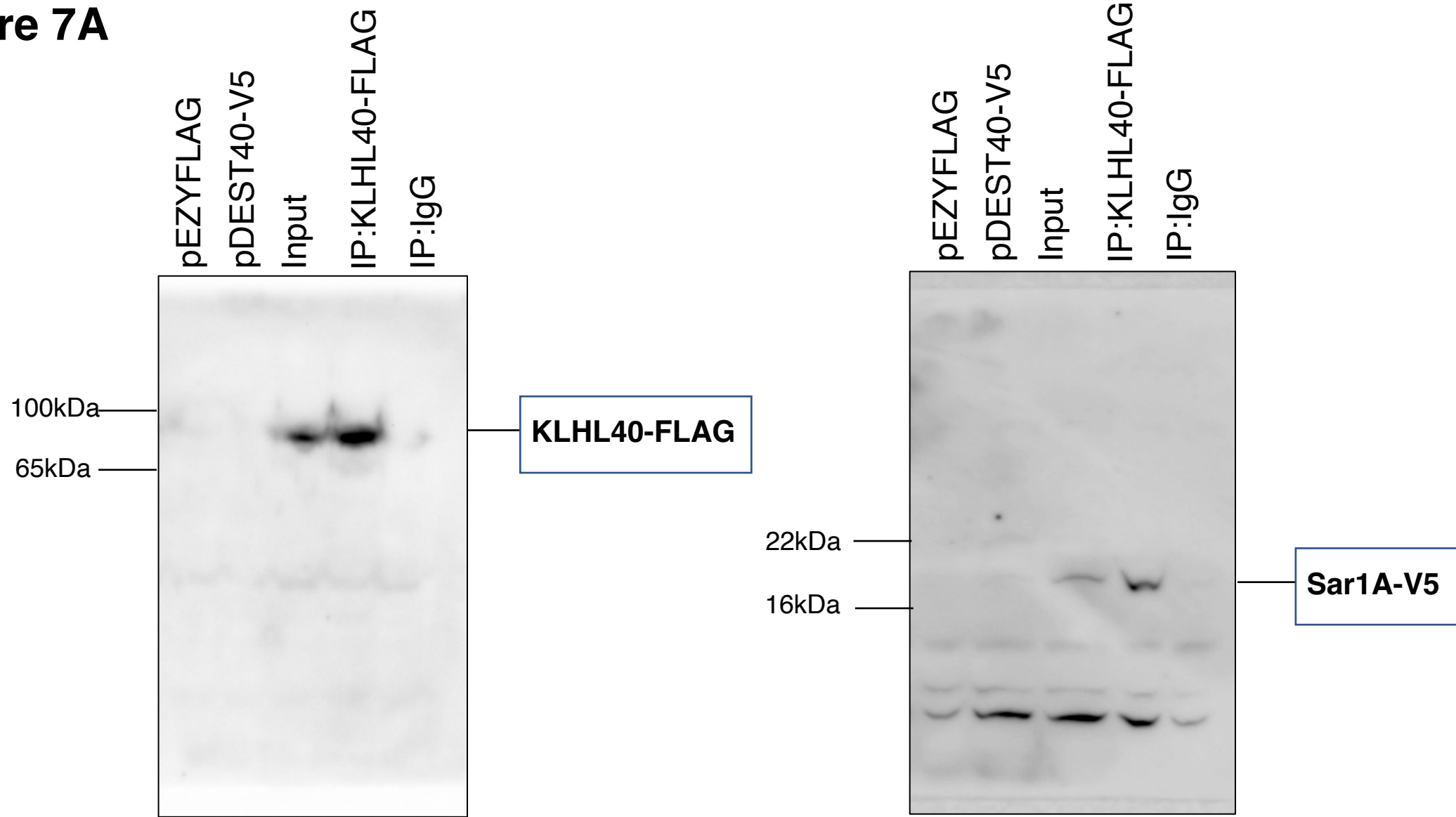


**Figure 7A**

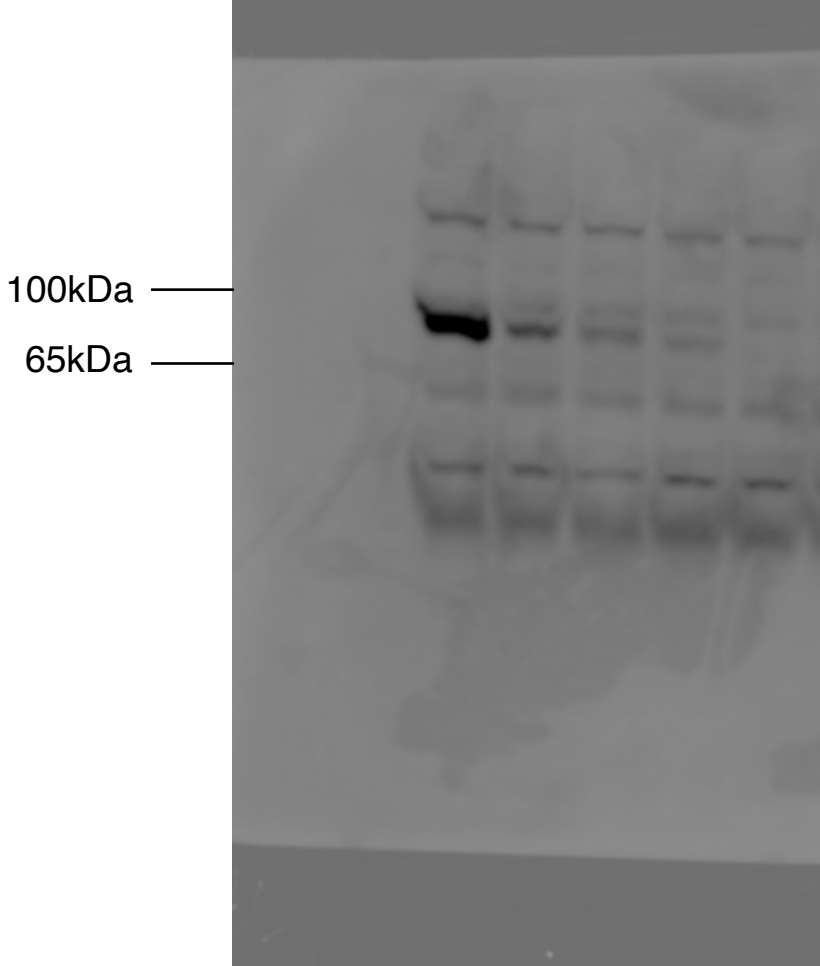


WB: Anti-FLAG: F1804, Sigma-Aldrich

WB: Anti-V5: R960-25, Thermofisher Scientific

# Figure 7B

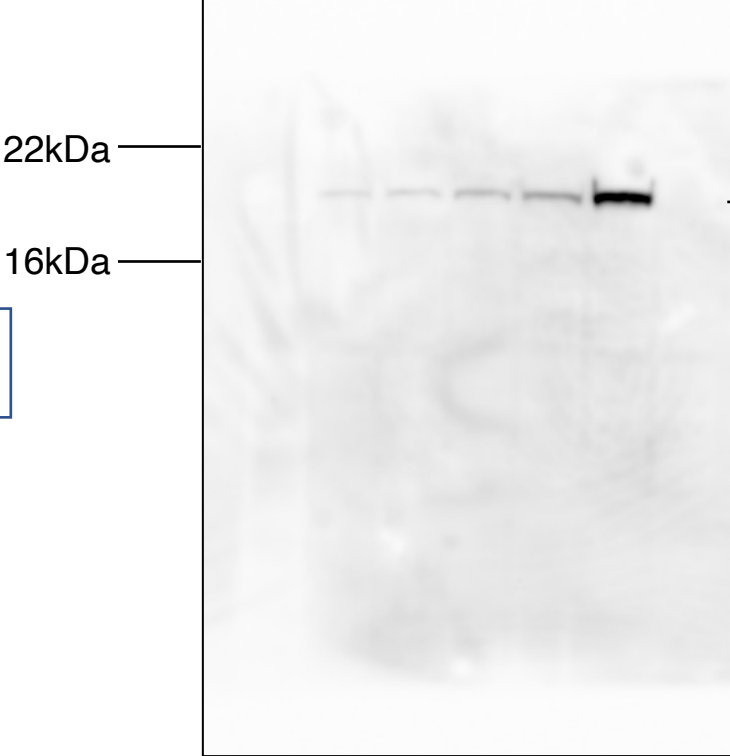
KLHL40-FLAG (ug)      0   2.0   1.5   1.0   0.5   0.0  
SAR1A-V5 (ug)      0   2.0   2.0   2.0   2.0   2.0



**KLHL40-FLAG**

WB: Anti-FLAG: F1804, Sigma-Aldrich

KLHL40-FLAG (ug)      0   2.0   1.5   1.0   0.5   0.0  
SAR1A-V5 (ug)      0   2.0   2.0   2.0   2.0   2.0

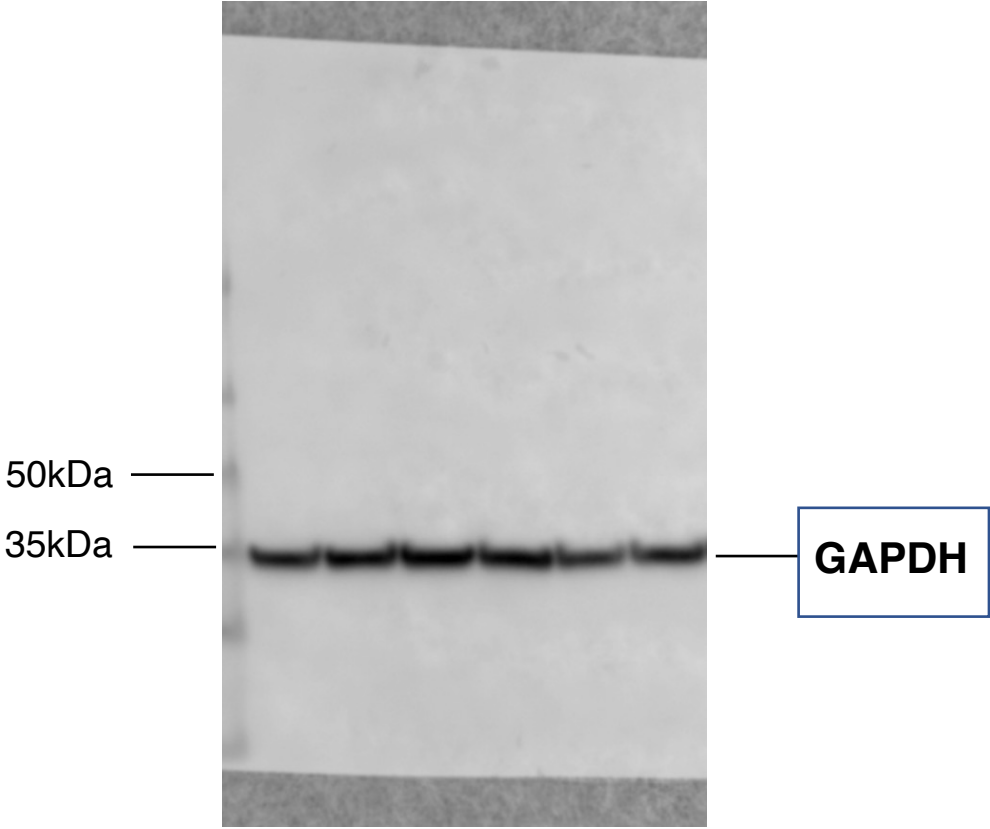


**SAR1A-V5**

WB: Anti-V5: R960-25, Thermofisher Scientific

# Figure 7B

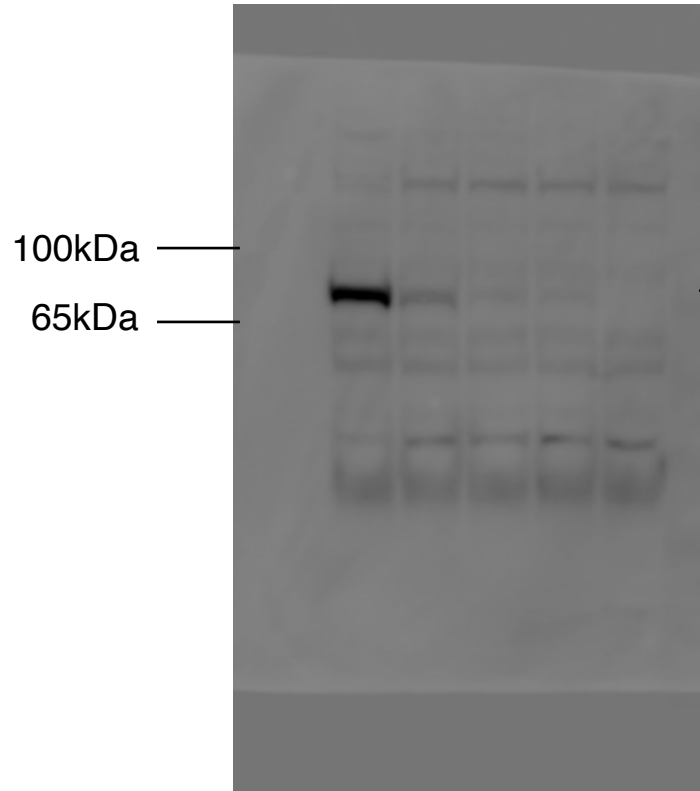
KLHL40-FLAG (ug)            0   2.0   1.5   1.0   0.5   0.0  
SAR1A-V5 (ug)            0   2.0   2.0   2.0   2.0   2.0



WB: Anti-GAPDH: ab8245, Abcam

# Figure 7C

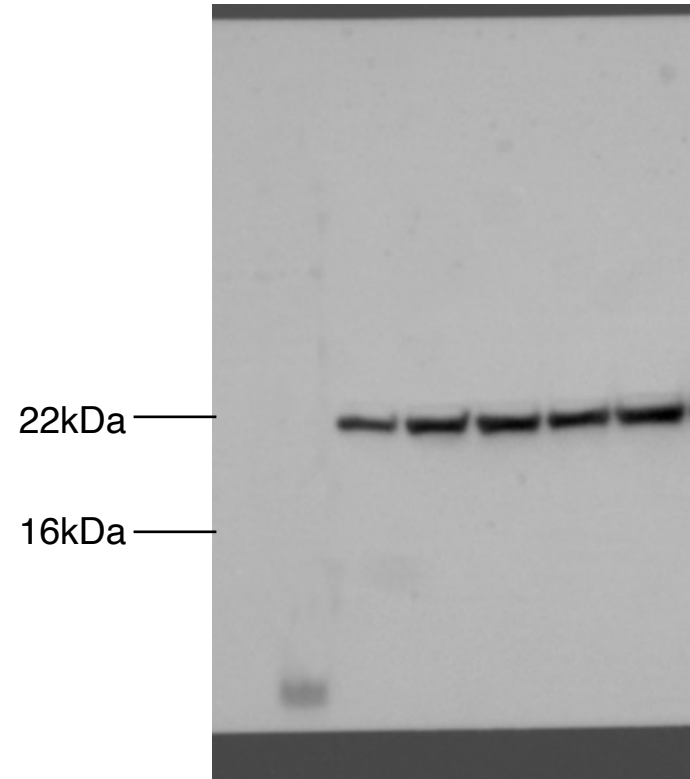
KLHL40-FLAG (ug)      0   2.0   1.5   1.0   0.5   0.0  
SAR1A-V5 (ug)      0   2.0   2.0   2.0   2.0   2.0



**KLHL40-FLAG**

WB: Anti-FLAG: F1804, Sigma-Aldrich

KLHL40-FLAG (ug)      0   2.0   1.5   1.0   0.5   0.0  
SAR1A-V5 (ug)      0   2.0   2.0   2.0   2.0   2.0



**SAR1A-V5**

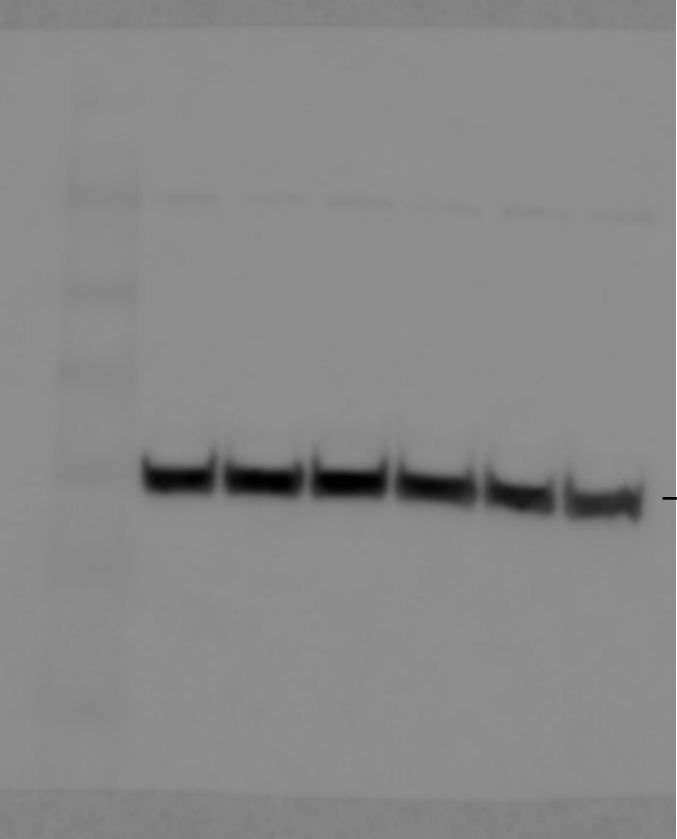
WB: Anti-V5: R960-25, Thermofisher Scientific

# Figure 7C

KLHL40-FLAG (ug)	0	2.0	1.5	1.0	0.5	0.0
SAR1A-V5 (ug)	0	2.0	2.0	2.0	2.0	2.0

50kDa —

35kDa —

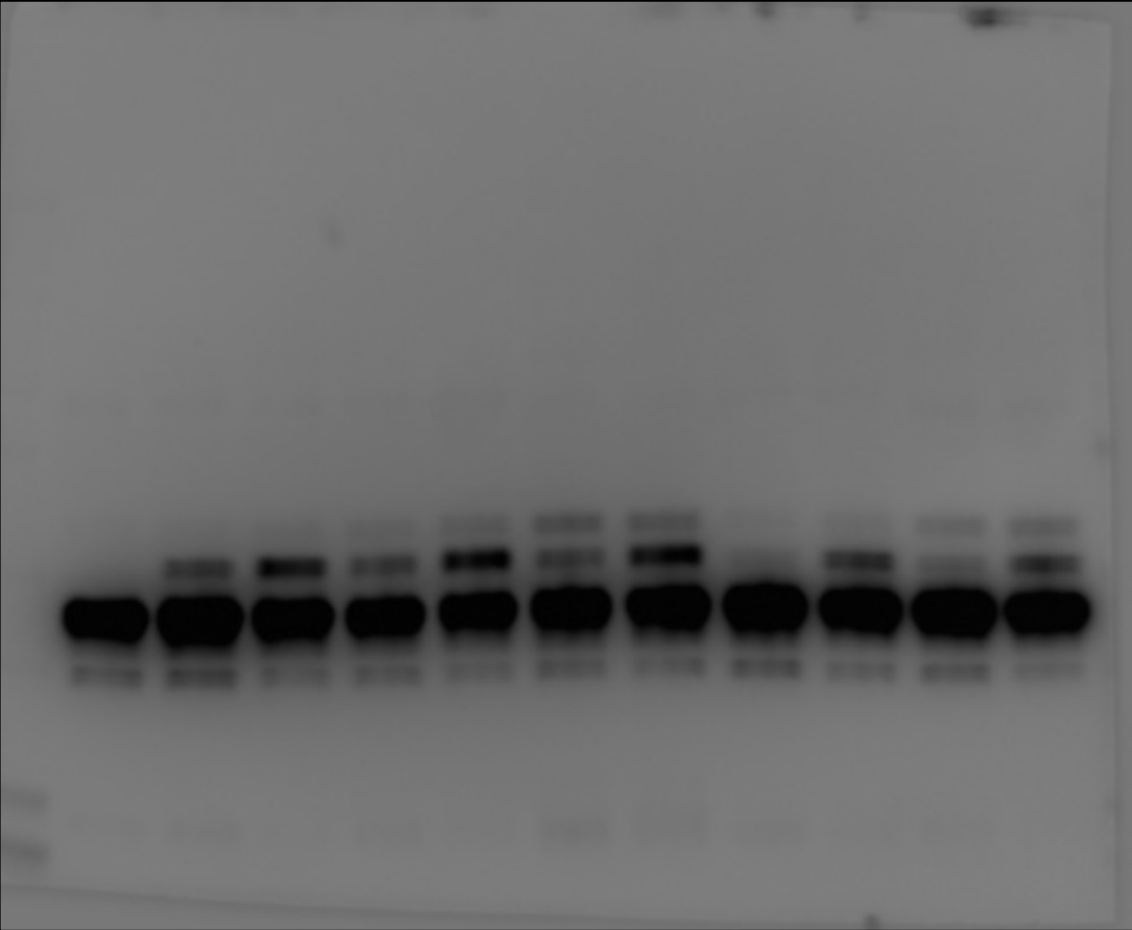


**GAPDH**

WB: Anti-GAPDH: ab8245, Abcam

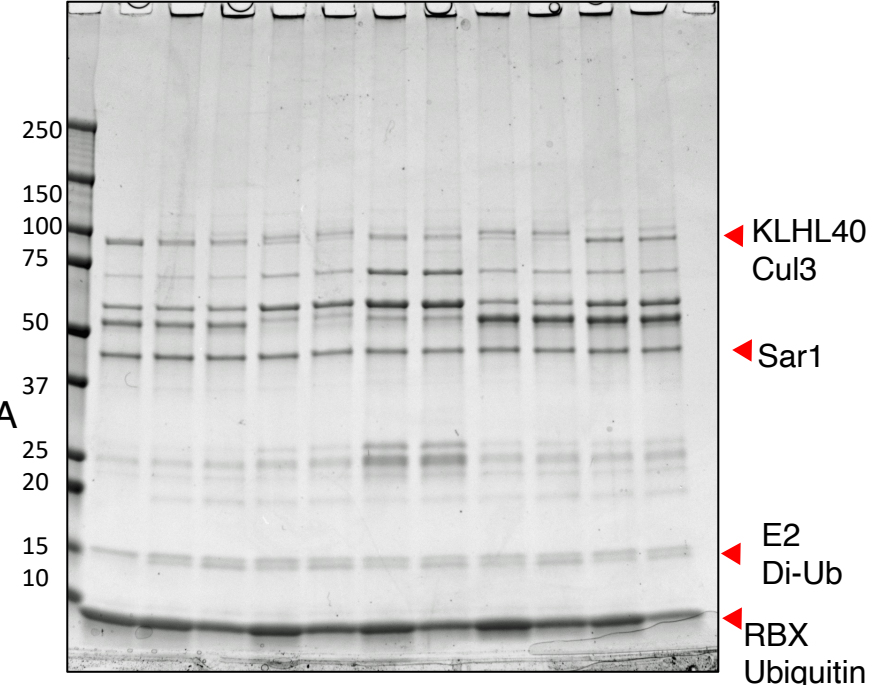
Figure 7F

WT L86P W201L R311L E528K  
Time (min) 0 30 90 30 90 30 90 30 90 30 90



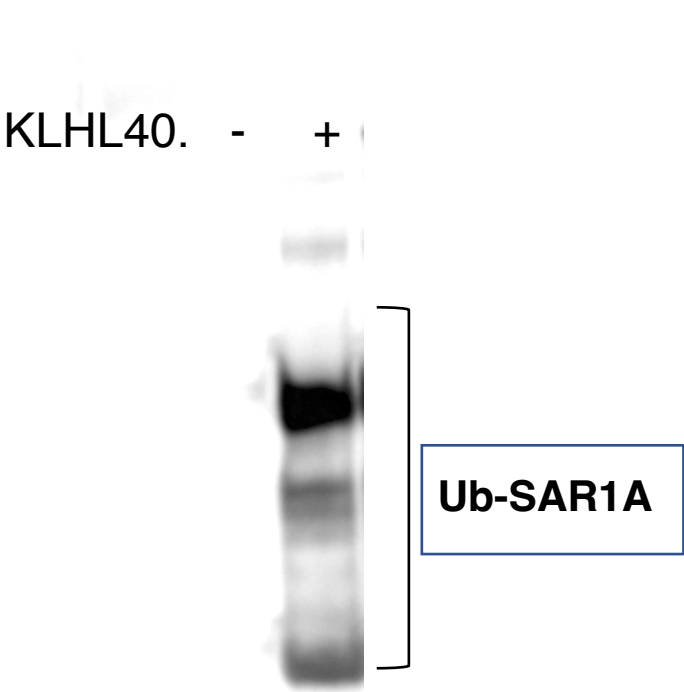
WB: Anti-Sar1: ab125871, Abcam

wt LP WL RL QK  
Time(min) 0 30 90 30 90 30 90 30 90 30 90

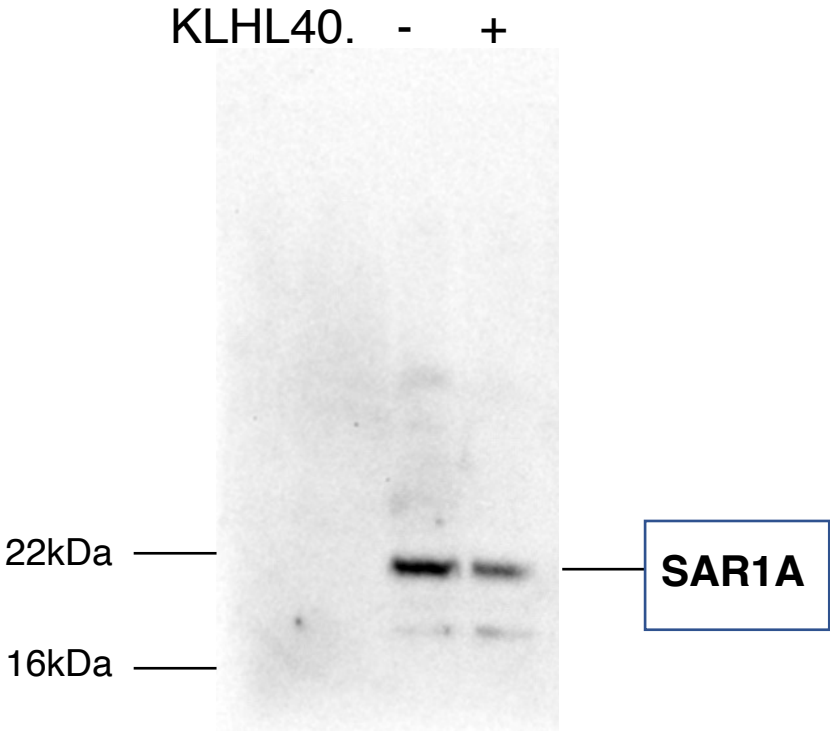


Colloidal Staining

**Figure 7H**



WB: Anti-Ubiquitin: ab7780, Abcam



WB: Anti-Sar1: ab125871, Abcam