

HCT116 SW620  
NC/KO1/KO2 NC/KO1/KO2  
MUC3A

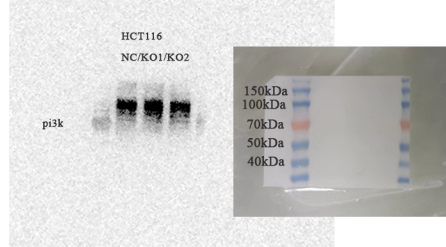
250kDa



HCT116  
NC/KO1/KO2

pi3k

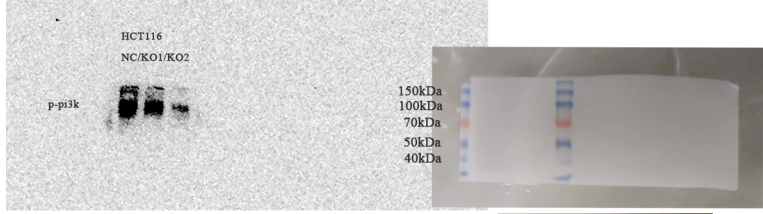
150kDa  
100kDa  
70kDa  
50kDa  
40kDa



HCT116  
NC/KO1/KO2

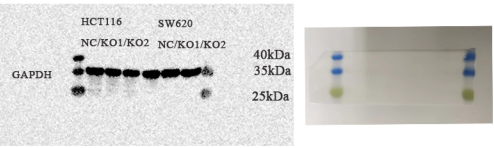
p-pi3k

150kDa  
100kDa  
70kDa  
50kDa  
40kDa



HCT116 SW620  
NC/KO1/KO2 NC/KO1/KO2  
GAPDH

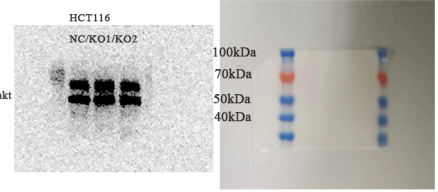
40kDa  
35kDa  
25kDa



HCT116  
NC/KO1/KO2

akt

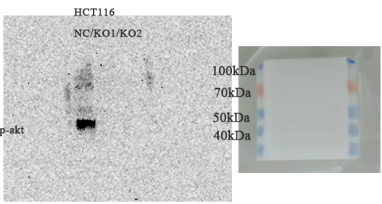
100kDa  
70kDa  
50kDa  
40kDa



HCT116  
NC/KO1/KO2

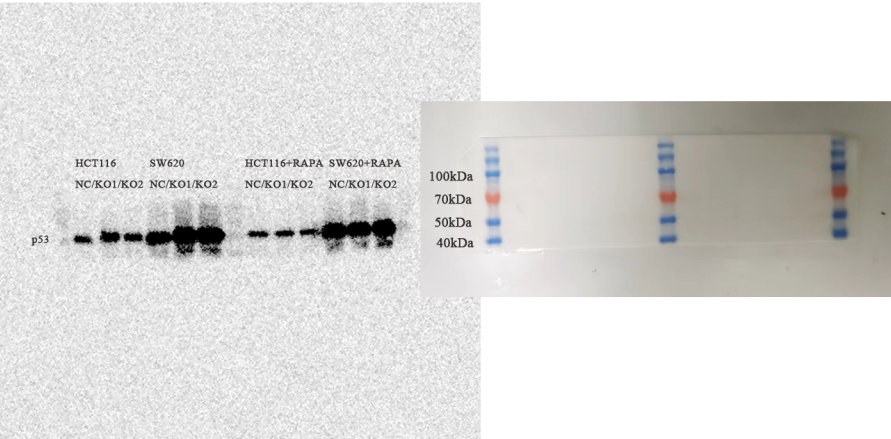
p-akt

100kDa  
70kDa  
50kDa  
40kDa



HCT116 SW620 HCT116+RAPA SW620+RAPA  
NC/KO1/KO2 NC/KO1/KO2 NC/KO1/KO2 NC/KO1/KO2  
p53

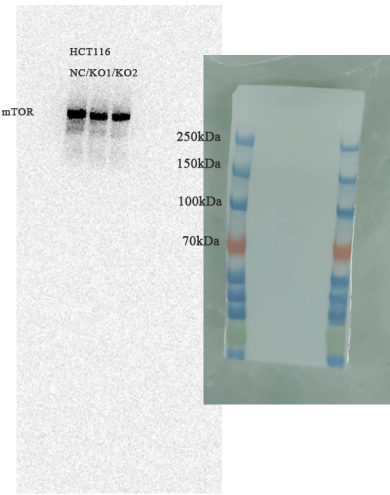
100kDa  
70kDa  
50kDa  
40kDa



HCT116  
NC/KO1/KO2

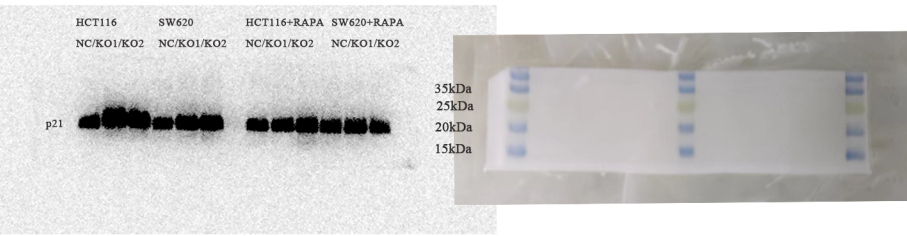
mTOR

250kDa  
150kDa  
100kDa  
70kDa



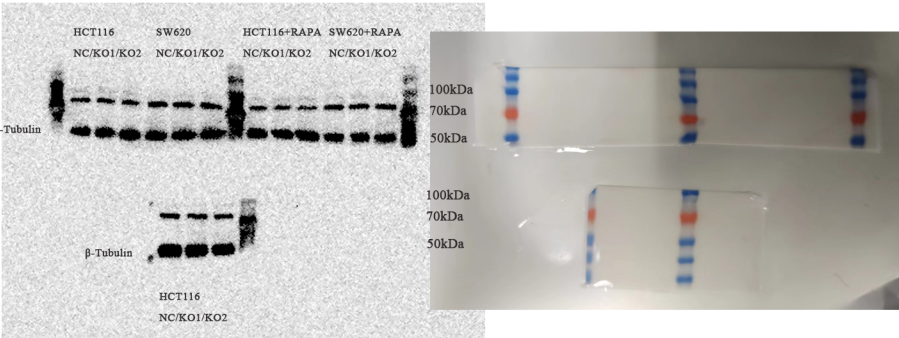
HCT116 SW620 HCT116+RAPA SW620+RAPA  
NC/KO1/KO2 NC/KO1/KO2 NC/KO1/KO2 NC/KO1/KO2  
p21

35kDa  
25kDa  
20kDa  
15kDa



HCT116 SW620 HCT116+RAPA SW620+RAPA  
NC/KO1/KO2 NC/KO1/KO2 NC/KO1/KO2 NC/KO1/KO2  
β-Tubulin

100kDa  
70kDa  
50kDa



HCT116  
NC/KO1/KO2

p-mTOR

250kDa

