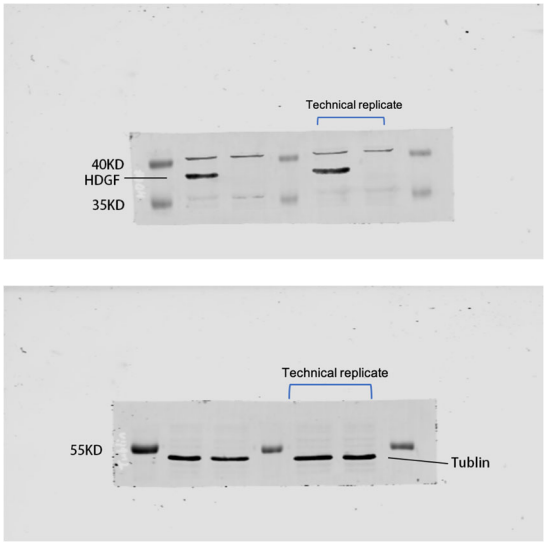
Fig. 1D

HCT116 WT vs HCT116 KO




HT29 WT vs HT29 KO

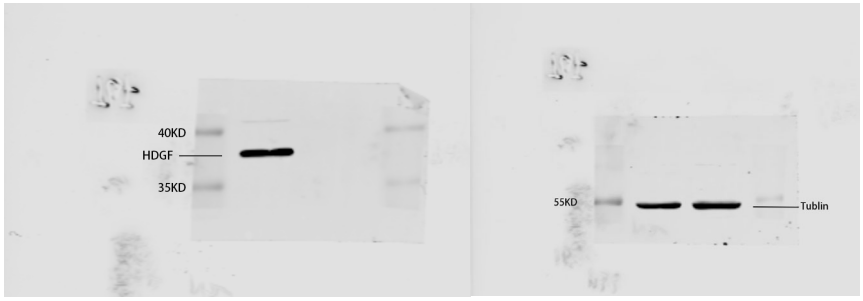
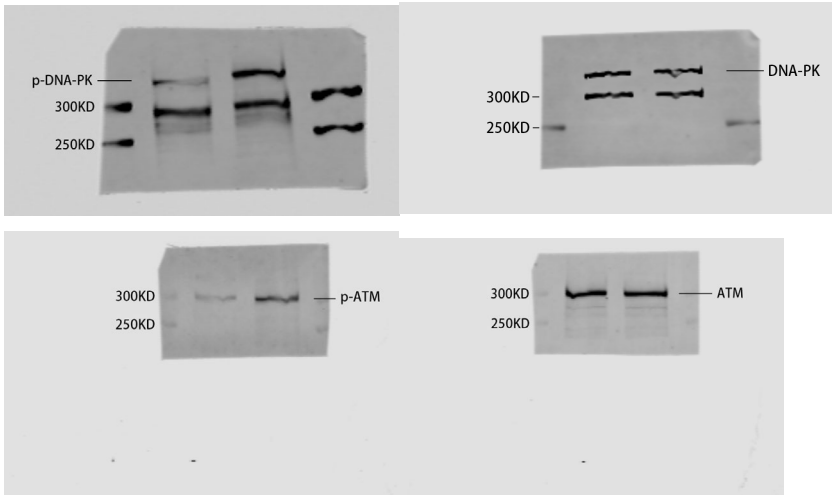
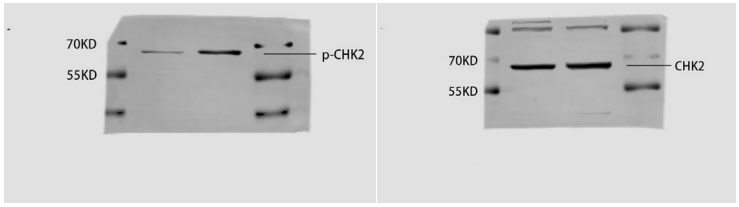
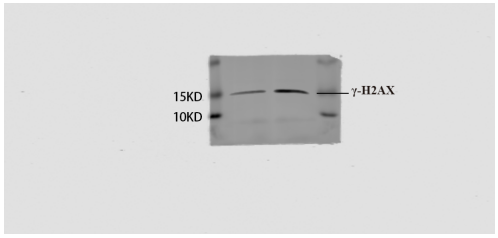
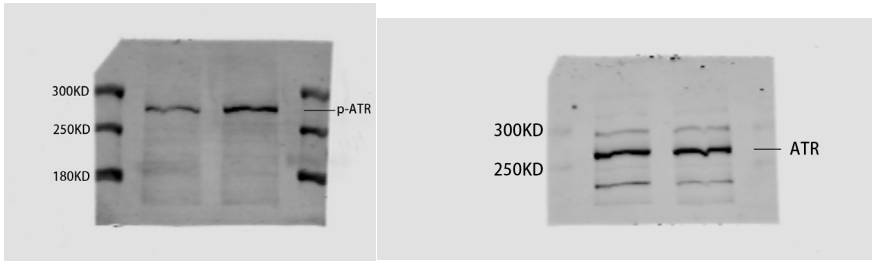


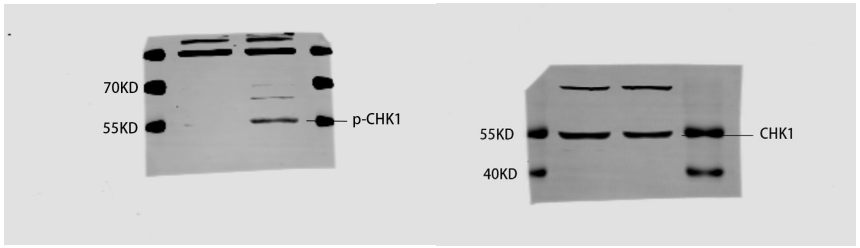

Fig. 2B




70KD
55KD
p-CHK2
70KD
55KD
CHK2


15KD
10KD
γ-H2AX


300KD
250KD
180KD
p-ATR
300KD
250KD
ATR


70KD
55KD
p-CHK1
55KD
40KD
CHK1

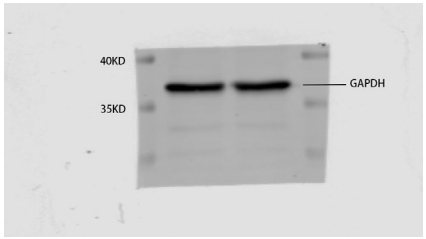
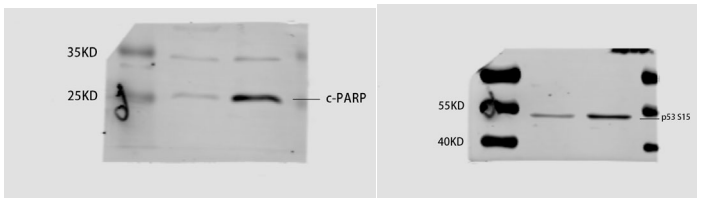

40KD
35KD
GAPDH

Fig. 2C


35KD
25KD
c-PARP
55KD
40KD
p53 S15

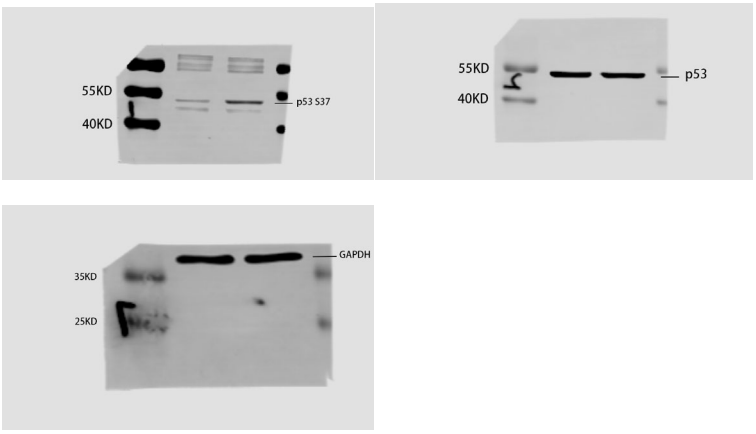

55KD
40KD
p53 S37
55KD
40KD
p53
35KD
25KD
GAPDH

Fig. 2D

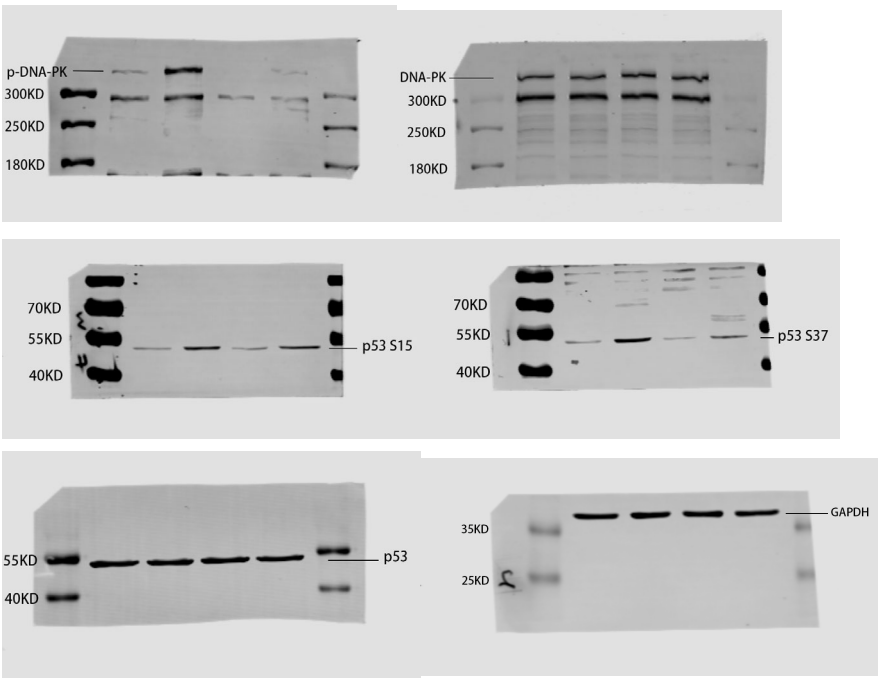
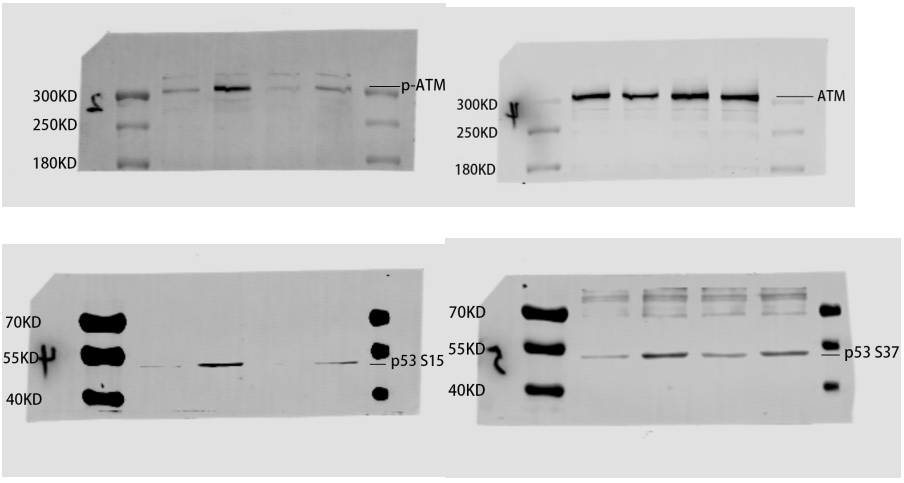

p-DNA-PK
300KD
250KD
180KD
DNA-PK
300KD
250KD
180KD
70KD
55KD
40KD
p53 S15
70KD
55KD
40KD
p53 S37
55KD
40KD
p53
35KD
25KD
GAPDH

Fig. 2E


300KD
250KD
180KD
p-ATM
300KD
250KD
180KD
ATM
70KD
55KD
40KD
p53 S15
70KD
55KD
40KD
p53 S37

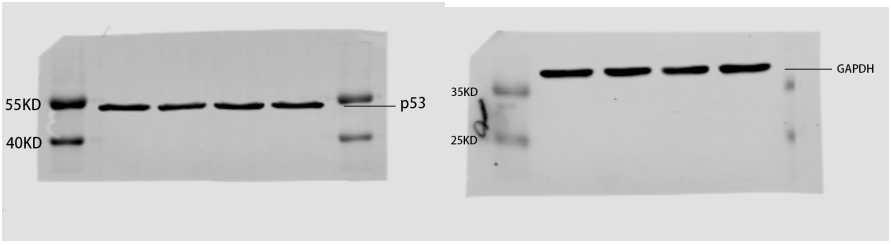
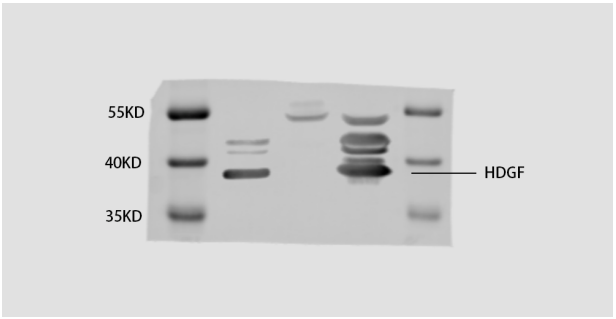
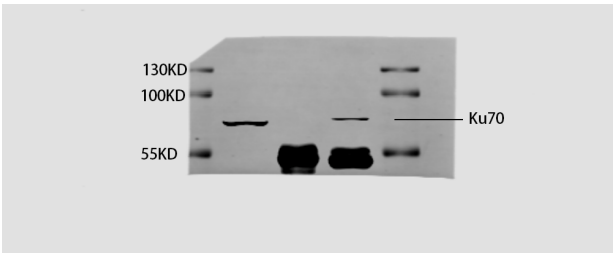
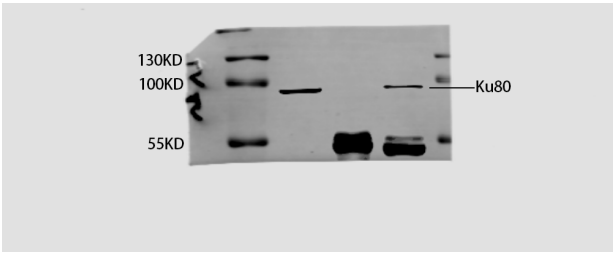
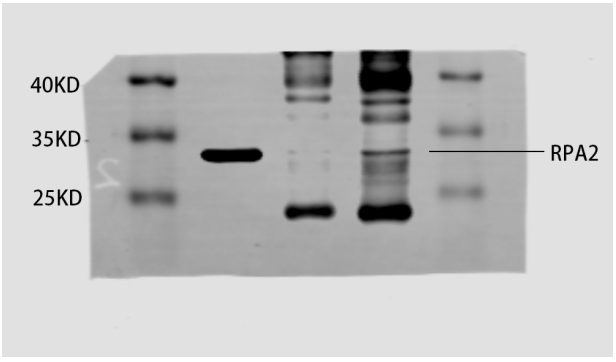

55KD
40KD
p53
35KD
25KD
GAPDH

Fig. 3A


55KD
40KD
35KD
HDGF


130KD
100KD
55KD
Ku70


130KD
100KD
55KD
Ku80


40KD
35KD
25KD
RPA2

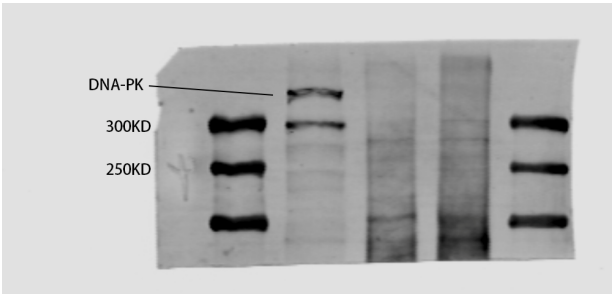

DNA-PK
300KD
250KD

Fig. 4A

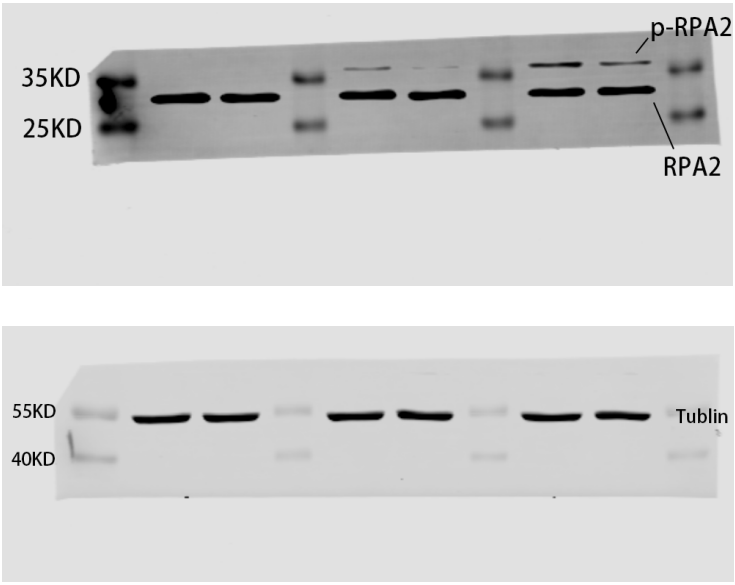

p-RPA2
35KD
25KD
RPA2
55KD
40KD
Tublin

Fig. 4B

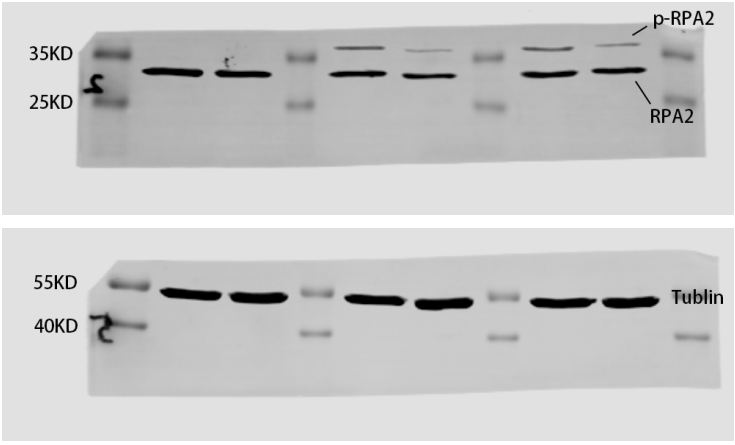
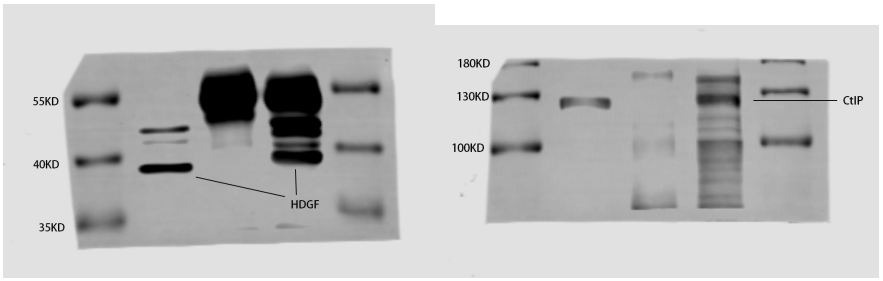

p-RPA2
35KD
25KD
RPA2
55KD
40KD
Tublin

Fig. 4E

HCT116




HT29

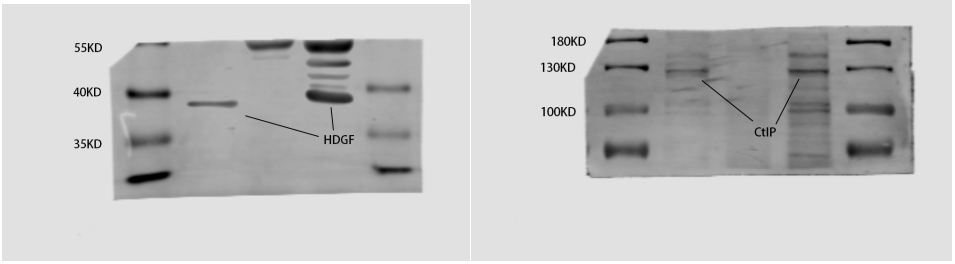
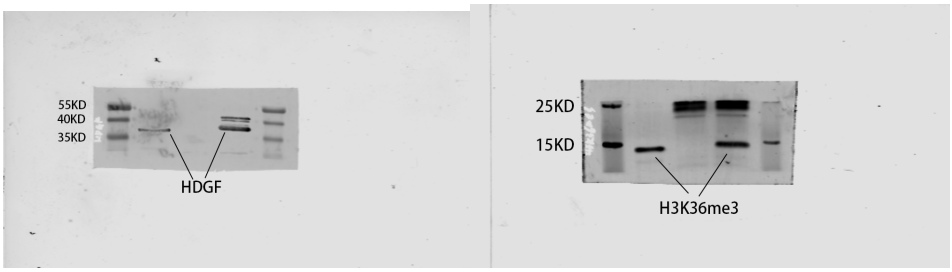



Fig. 7A

HCT116




HT29

