

Supplementary Table 1. List of primary antibodies for WB.

Protein	Company	Product #	Isotype	Dilution
BRD4	CST	13440S	Rabbit	1:1000
CHK1	CST	2360S	Mouse	1:1000
Cleaved-caspase3	CST	9664S	Rabbit	1:1000
CRISPR (Cas9)	Biolegend	844301	Mouse	1:1000
KANSL2	Atlas	HPA038497	Rabbit	1:2000
MYC	CST	9402S	Rabbit	1:1000
P21	Santa Cruz	Sc-397(C-19)	Rabbit	1:1000
phospho-CHK1(Ser345)	CST	2348S	Rabbit	1:1000
β-actin	Sigma-Aldrich	A1978	Mouse	1:5000
γH2AX (phospho Ser139)	abcam	Ab11174	Rabbit	1:2000
Histone H4	Sigma-Aldrich	07-108	Rabbit	1:2000
Histone H4 (pan-acetyl)	Sigma-Aldrich	06-866	Rabbit	1:2000
Histone H3	CST	4499S	Rabbit	1:1000
Histone H3 (pan-acetyl)	ThermoFisher	39139	Rabbit	1:1000
Histone H3 (acetyl-lys27)	CST	8173S	Rabbit	1:1000
Histone H3 (tri-methyl-lys27)	CST	9733S	Rabbit	1:1000