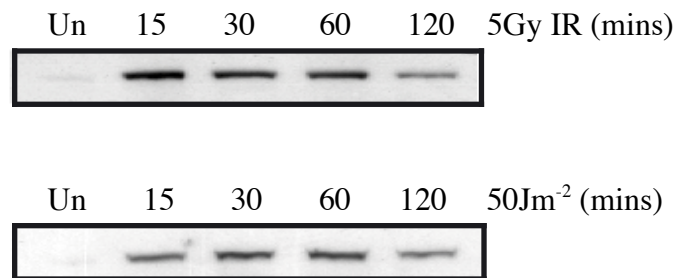


Antibody Datasheet

Product description:-	Anti-53BP1 phospho Thr 302
Antigen:-	KKEPEVLST*QEDLFD [residues 296 – 308 of human plus two N-terminal lysine residues, where * is phospho Threonine]
Sheep Number:-	S625B
Bleed Number:-	Third Bleed
Concentration:-	0.29 mg/ml
Formulation:-	Phosphate Buffered Saline
Storage temperature:-	-20 °C
Purification Method:-	Affinity purified against phospho specific peptide
Working Concentration:-	1 $\mu\text{g/ml}$ for western blotting in the presence of 10 $\mu\text{g/ml}$ of the non-phosphorylated peptide

Publication Reference:-

Unpublished – Therefore please treat this information as highly confidential



Phosphorylation detected in HEK293, HeLa and U2OS cells after treatment with ionising radiation (5Gy) or ultra-violet radiation (50 Jm⁻²). The antibody was incubated with the non-phosphorylated peptide (10 $\mu\text{g/ml}$) for 30 mins before addition to the nitrocellulose membrane. The antibody was used at 1 $\mu\text{g/ml}$ in 5 % skimmed milk / TBS-Tween and incubated with the membrane for 2 hours at room temperature.

Binding of the primary antibody was detected using rabbit peroxidase conjugated anti-sheep IgG antibody (1 in 10, 000 dilution, Pierce) followed by enhanced chemiluminescence (ECL, Amersham).