

## Anti-Phospho-RAD18 (Ser403) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 56 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

### Applications

Application:	WB
Recommended	WB: 1:1000-2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human Rad18 around the phosphorylation site of Ser403
Antigen Species:	Human
Uniprot ID:	Q9NS91
Synonyms:	p-RAD18 (Ser403);RAD18 (p-S403);RAD18 (p-Ser403);p-RAD18 (S403)

### Research Background

RAD18, E3 ubiquitin protein ligase(RAD18) Homo sapiens The protein encoded by this gene is highly similar to S. cerevisiae DNA damage repair protein Rad18. Yeast Rad18 functions through its interaction with Rad6, which is an ubiquitin-conjugating enzyme required for post-replication repair of damaged DNA. Similar to its yeast counterpart, this protein is able to interact with the human homolog of yeast Rad6 protein through a conserved ring-finger motif. Mutation of this motif results in defective replication of UV-damaged DNA and hypersensitivity to multiple mutagens. [provided by RefSeq, Jul 2008],

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