

## Rad18 (phospho-Ser403) rabbit pAb

Catalog No: #13588

Package Size: #13588-1 50ul #13588-2 100ul

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## Description

Product Name	Rad18 (phospho-Ser403) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of Human Rad18 (phospho-Ser403)
Immunogen Description	Synthesized phospho peptide around human Rad18 (Ser403)
Other Names	E3 ubiquitin-protein ligase RAD18 (EC 6.3.2.-) (Postreplication repair protein RAD18) (hHR18) (hRAD18) (RING finger protein 73)
Accession No.	Swiss Prot:Q9NS91GeneID:56852
Uniprot	Q9NS91
GeneID	56852
SDS-PAGE MW	56
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

WB 1:1000-2000

## 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],

Note: This product is for in vitro research use only