

Rabbit RAD18 Polyclonal Antibody | anti-RAD18 antibody

RAD18 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312878	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

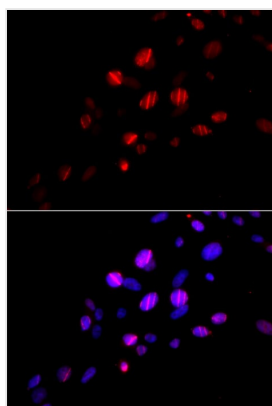
PRODUCT SYNONYMS

RAD18; Polyclonal Antibody; RAD18 Polyclonal Antibody; RNF73; anti-RAD18 antibody

PRODUCT SPECIFICATIONS

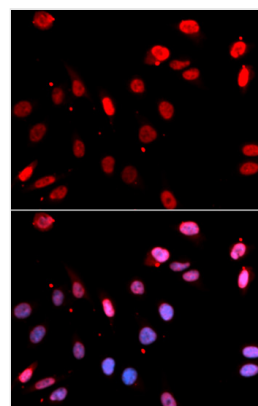
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 52% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.5
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-RAD18 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RAD18 (NP_064550.3)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



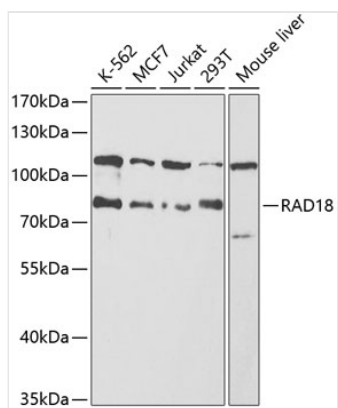
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using RAD18 antibody . Blue: DAPI for nuclear staining. DNA damage by a UV-A laser.



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using RAD18 antibody . Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RAD18 antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD18 antibody	The protein encoded by this gene is highly similar to <i>S. cerevisiae</i> 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.
Product Categories/Family for anti-RAD18 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	256818821
NCBI GeneID	56852
NCBI Accession #	NP_064550.3
NCBI GenBank Nucleotide #	NM_020165.3
UniProt Accession #	Q9NS91; Q58F55; Q9NRT6
Molecular Weight	56,223 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase RAD18
NCBI Official Synonym Full Names	RAD18, E3 ubiquitin protein ligase
NCBI Official Symbol	RAD18
NCBI Official Synonym Symbols	RNF73
NCBI Protein Information	E3 ubiquitin-protein ligase RAD18
UniProt Protein Name	E3 ubiquitin-protein ligase RAD18
UniProt Gene Name	RAD18
UniProt Synonym Gene Names	RNF73; hHR18; hRAD18
UniProt Entry Name	RAD18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rad18-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312878>