

Rabbit RAD1 Polyclonal Antibody | anti-RAD1 antibody

RAD1 antibody

CATALOG # AAA307265	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

RAD1; Polyclonal Antibody; RAD1 antibody; HRAD1; REC1; anti-RAD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total RAD1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	282
Applicable Applications for anti-RAD1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human RAD1.
Target Name	RAD1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using RAD1 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of HeLa cell lysate using RAD1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD1 antibody	This gene encodes a component of a heterotrimeric cell cycle checkpoint complex, known as the 9-1-1 complex, that is activated to stop cell cycle progression in response to DNA damage or incomplete DNA replication. The 9-1-1 complex is recruited by RAD17 to affected sites where it may attract specialized DNA polymerases and other DNA repair effectors. Alternatively spliced transcript variants of this gene have been described. [provided by RefSeq, Jan 2009]
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Product Categories/Family for anti-RAD1 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506385
NCBI GeneID	5810
NCBI Accession #	NP_002844.1
NCBI GenBank Nucleotide #	NM_002853.3
UniProt Accession #	O60671; O75572; O95304; Q1W161; Q5KSM0; Q5KSM1; Q9UEP1
Molecular Weight	7,576 Da
NCBI Official Full Name	cell cycle checkpoint protein RAD1
NCBI Official Synonym Full Names	RAD1 checkpoint DNA exonuclease
NCBI Official Symbol	RAD1
NCBI Official Synonym Symbols	REC1; HRAD1
NCBI Protein Information	cell cycle checkpoint protein RAD1
UniProt Protein Name	Cell cycle checkpoint protein RAD1
UniProt Gene Name	RAD1
UniProt Synonym Gene Names	REC1; hRAD1
UniProt Entry Name	RAD1_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.