

Rabbit RAD51L1 Polyclonal Antibody | anti-RAD51B antibody

RAD51L1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200733	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

PRODUCT SYNONYMS

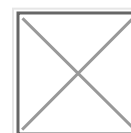
RAD51L1; Polyclonal Antibody; RAD51L1 antibody - middle region; anti-RAD51B antibody

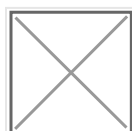
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TE SAFAERLVE IAESRFPRYF NTEKLLLS SKVHLYRELT CDEVLQRI
Sequence Length	350
Applicable Applications for anti-RAD51B antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 79%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RAD51L1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-RAD51L1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: RAD51B
Sample Type: Human Fetal Brain
Antibody Dilution: 1.0ug/ml

WB (Western Blot)

Host: Rabbit
Target Name: RAD51B
Sample Type: Human Adult Placenta
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-RAD51B antibody	This is a rabbit polyclonal antibody against RAD51L1. It was validated on Western Blot Target Description: The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are evolutionarily conserved proteins essential for DNA repair by homologous recombination. This protein has been shown to form a stable heterodimer with the family member RAD51C, which further interacts with the other family members, such as RAD51, XRCC2, and XRCC3. Overexpression of this gene was found to cause cell cycle G1 delay and cell apoptosis, which suggested a role of this protein in sensing DNA damage. At least three alternatively spliced transcript variants encoding distinct isoforms have been observed.
Product Categories/Family for anti-RAD51B antibody	Polyclonal; Ion Channel; Membrane Protein; Cell Biology; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924117
NCBI GeneID	5890
NCBI Accession #	NP_598194
NCBI GenBank Nucleotide #	NM_133510
UniProt Accession #	O15315
Molecular Weight	38kDa
NCBI Official Full Name	DNA repair protein RAD51 homolog 2 isoform 2
NCBI Official Synonym Full Names	RAD51 paralog B
NCBI Official Symbol	RAD51B
NCBI Official Synonym Symbols	REC2; R51H2; RAD51L1
NCBI Protein Information	DNA repair protein RAD51 homolog 2
UniProt Protein Name	DNA repair protein RAD51 homolog 2
UniProt Gene Name	RAD51B
UniProt Synonym Gene Names	RAD51L1; REC2; R51H2; Rad51B
UniProt Entry Name	RA51B_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/rad51l1-antibody-western-blot-elisa/200733>