

Rabbit Rad51D Polyclonal Antibody | anti-RAD51L3 antibody

Rad51D Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37491	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

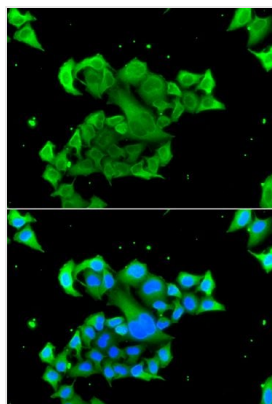
PRODUCT SYNONYMS

Rad51D; Polyclonal Antibody; Rad51D Polyclonal Antibody; TRAD; R51H3; BROVCA4; RAD51L3; anti-RAD51L3 antibody

PRODUCT SPECIFICATIONS

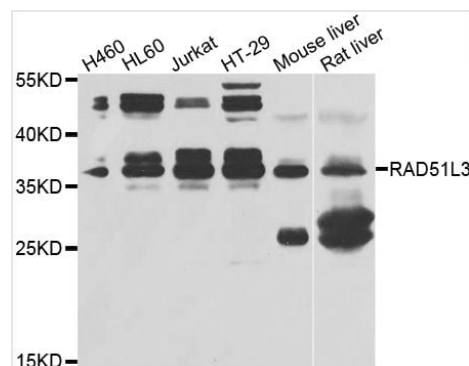
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	328
Applicable Applications for anti-RAD51L3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human Rad51D
Calculated Molecular Weight	35kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using RAD51D antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RAD51D antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD51L3 antibody	The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51, which are known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream ring finger and FYVE-like domain containing 1 (RFFL) gene.
Product Categories/Family for anti-RAD51L3 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	6174940
NCBI GeneID	5892
UniProt Accession #	O75771; O43537; O60355; O75196; O75847; O75848; O76073; O76085; O94908; Q9UFU5; B4DJU7; E1P637
Molecular Weight	328
NCBI Official Full Name	DNA repair protein RAD51 homolog 4
NCBI Official Synonym Full Names	RAD51 paralog D
NCBI Official Symbol	RAD51D
NCBI Official Synonym Symbols	TRAD; R51H3; BROVCA4; RAD51L3
NCBI Protein Information	DNA repair protein RAD51 homolog 4; RAD51 homolog D; RAD51-like protein 3; recombination repair protein
UniProt Protein Name	DNA repair protein RAD51 homolog 4
UniProt Gene Name	RAD51D
UniProt Synonym Gene Names	RAD51L3
UniProt Entry Name	RA51D_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/rad51d-antibody-immunohistochemistry-western-blot-elisa/37491>