

Rabbit anti-Human RAD51D Polyclonal Antibody | anti-RAD51D antibody

RAD51D Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308568	Rabbit	Human	Immunohistochemistry, Western Blot

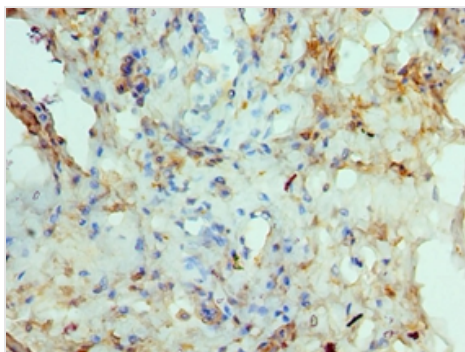
PRODUCT SYNONYMS

RAD51D; Polyclonal Antibody; RAD51D Polyclonal Antibody; R51H3; RAD51 homolog D; RAD51-like protein 3; TRAD; RAD51L3; anti-RAD51D antibody

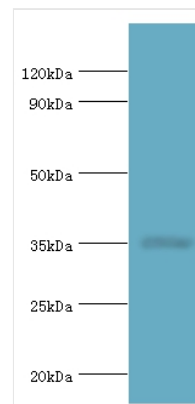
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total RAD51D polyclonal antibody.
Purity/Purification	Antigen Affinity Purified
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	348
Applicable Applications for anti-RAD51D antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human DNA repair protein RAD51 homolog 4 protein(1-328aa)
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human prostate cancer using at dilution of 1:100.


WB (Western Blot)

All lanes: DNA repair protein RAD51 homolog 4 antibody at 8ug/ml+Jurkat whole cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-RAD51D antibody	Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA breaks arising during DNA replication or induced by DNA-damaging agents. Bind to single-stranded DNA (ssDNA) and has DNA-dependent ATPase activity.Part of the Rad21 paralog protein complex BCDX2 which acts in the BRCA1-BRCA2-dependent HR pathway.Upon DNA damage, BCDX2 acts downstream of BRCA2 recruitment and upstream of RAD51 recruitment. BCDX2 binds predominantly to the intersection of the four duplex arms of the Holliday junction and to junction of replication forks. The BCDX2 complex was originally reported to bind single-stranded DNA, single-stranded gaps in duplex DNA and specifically to nicks in duplex DNA.Involved in telomere maintenance. The BCDX2 subcomplex XRCC2:RAD51D can stimulate Holliday junction resolution by BLM.
Product Categories/Family for anti-RAD51D antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	217272816
NCBI GeneID	5892
NCBI Accession #	NP_001136043.1
NCBI GenBank Nucleotide #	NM_001142571.1
UniProt Accession #	O75771; O43537; O60355; O75196; O75847; O75848; O76073; O76085; O94908; Q9UFU5; B4DJU7; E1P637
Molecular Weight	37,014 Da
NCBI Official Full Name	DNA repair protein RAD51 homolog 4 isoform 6
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
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/308568>