

Rabbit RAD51A Polyclonal Antibody | anti-RAD51A antibody

RAD51A antibody

CATALOG # AAA224267	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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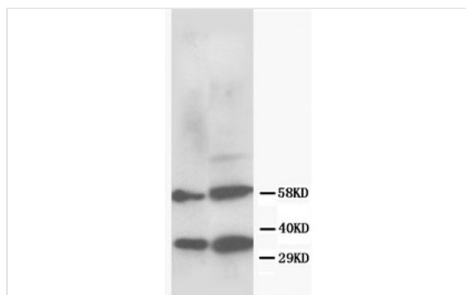
PRODUCT SYNONYMS

RAD51A; Polyclonal Antibody; RAD51A antibody; Polyclonal RAD51A; Anti-RAD51A; RADA-51; RADA 51; DNA repair protein RAD51 homolog 1; anti-RAD51A antibody

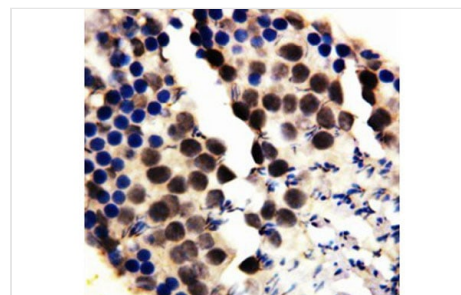
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	RAD51A antibody was purified by affinity chromatography
Form/Format	Supplied in lyophilized form
Sequence Length	198
Applicable Applications for anti-RAD51A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	RAD51A is a human gene. The Rad51 gene, HsRAD51, is a homolog of RecA of Escherichia coli and functions in recombination and DNA repair. BRCA1 and BRCA2 proteins form a complex with Rad51, and these genes are thought to participate in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. RAD51 is also found to interact with BRCA1 and BRCA2, which may be important for the cellular response to DNA damage. BRCA2 is shown to regulate both the intracellular localization and DNA-binding ability of this protein. Loss of these controls following BRCA2 inactivation may be a key event leading to genomic instability and tumorigenesis.
Immunogen	RAD51A antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the N-terminal of human RAD51A, different from the related rat and Rabbit sequences by one amino acid, as the immunogen
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C, avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Lane 1: Rat Testicle Tissue Lysate; Lane 2: Rat Lung Tissue Lysate


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded section of Rat Testicle Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-RAD51A antibody	Affinity purified Rabbit polyclonal RAD51A antibody
Product Categories/Family for anti-RAD51A antibody	DNA & RNA ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38018106
NCBI GeneID	541709
Molecular Weight	36,705 Da
NCBI Official Full Name	RAD51A, partial
NCBI Official Synonym Full Names	recombination protein51 gene a
NCBI Official Symbol	rad51a
NCBI Protein Information	DNA repair protein RAD51 homolog A
UniProt Protein Name	DNA repair protein RAD51 homolog A
UniProt Gene Name	RAD51A
UniProt Synonym Gene Names	RAD51A
UniProt Entry Name	R51A1_MAIZE

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/rad51a-antibody-immunohistochemistry-western-blot-elisa/224267>