

Rabbit anti-Human, Mouse RAD51 Antibody | anti-RAD51 antibody

RAD51 (Phospho-Thr309) Antibody

CATALOG # AAA267180	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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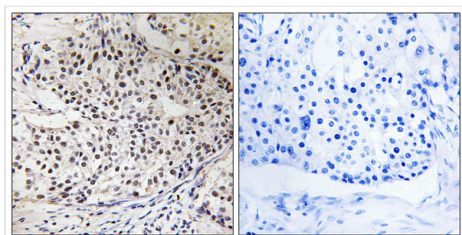
PRODUCT SYNONYMS

RAD51; RAD51 (Phospho-Thr309) Antibody; DNA repair protein RAD51 homolog 1; RAD51A; RECA; anti-RAD51 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Isotype	IgG
Specificity	RAD51 (Phospho-Thr309) antibody detects endogenous levels of RAD51 only when phosphorylated at threonine 309.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	340
Applicable Applications for anti-RAD51 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human RAD51 around the phosphorylation site of threonine 309(G-E-TP-R-I).
All Sites	Human: Thr309; Mouse: Thr309
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide: - / + Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RAD51 (Phospho-Thr309) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RAD51 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Shinohara A., Nat. Genet. 4:239-243(1993). Yoshimura Y., Nucleic Acids Res. 21:1665-1665(1993). Schmutte C., Cancer Res. 59:4564-4569(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	256017143
NCBI GeneID	5888
NCBI Accession #	NP_001157741.1
NCBI GenBank Nucleotide #	NM_001164269.1
UniProt Accession #	Q06609; Q6FHX9; Q6ZNA8; Q9BV60; B0FXP0; B2R8T6
NCBI Official Full Name	DNA repair protein RAD51 homolog 1 isoform 2
NCBI Official Synonym Full Names	RAD51 recombinase
NCBI Official Symbol	RAD51
NCBI Official Synonym Symbols	RECA; BRCC5; FANCR; MRMV2; HRAD51; RAD51A; HsRad51; HsT16930
NCBI Protein Information	DNA repair protein RAD51 homolog 1
UniProt Protein Name	DNA repair protein RAD51 homolog 1
UniProt Gene Name	RAD51
UniProt Synonym Gene Names	RAD51A; RECA; HsRAD51; hRAD51

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/rabbit-human-mouse-antibody/rad51/267180>