

Rabbit anti-Human Rad50 Polyclonal Antibody | anti-Rad50 antibody

Rabbit anti-Rad50 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210806	Rabbit	Human	Immunohistochemistry, Western Blot

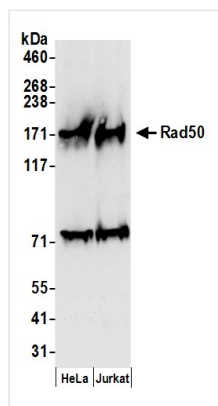
PRODUCT SYNONYMS

Rad50; Polyclonal Antibody; Rabbit anti-Rad50 Antibody; Affinity Purified; RAD502; DNA repair protein RAD50; hRad50; NBSLD; RAD50 homolog; double strand break repair protein; RAD50 double strand break repair protein; anti-Rad50 antibody

PRODUCT SPECIFICATIONS

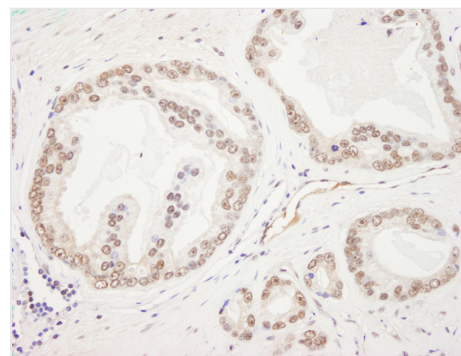
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-Rad50 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Bovine, Dog, Rabbit, Orangutan, Monkey, Gorilla, Chimpanzee
Immunogen	Between 700 and 750
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Rad50 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Rad50 antibody AAA210806 (lot AAA210806-1) used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human Rad50 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-Rad50 (Cat. No. AAA210806 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-Rad50 antibody	Rad50 is a component of the Mre11-Rad50-Nbs1 (MRN) complex that repairs DNA double strand breaks during DNA damage and homologous recombination and activates the S-phase checkpoint. Rad50 shows structural similarity to the structural maintenance of chromosomes (SMC) family of proteins. Rad50 has been shown to directly interact with BRCA2, TERF2IP, and ATM.
Product Categories/Family for anti-Rad50 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924129
NCBI GeneID	10111
NCBI Accession #	NP_005723.2
NCBI GenBank Nucleotide #	NM_005732.3
UniProt Accession #	Q92878; O43254; Q6GMT7; Q6P5X3; Q9UP86; B9EGF5
Molecular Weight	150kDa
NCBI Official Full Name	DNA repair protein RAD50
NCBI Official Synonym Full Names	RAD50 homolog (S. cerevisiae)
NCBI Official Symbol	RAD50
NCBI Official Synonym Symbols	NBSLD; RAD502; hRad50
NCBI Protein Information	DNA repair protein RAD50
UniProt Protein Name	DNA repair protein RAD50
UniProt Gene Name	RAD50
UniProt Synonym Gene Names	hRAD50
UniProt Entry Name	RAD50_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/rad50-antibody-immunohistochemistry-western-blot-elisa/210806>