

Rabbit anti-Human, Mouse Rad50 Polyclonal Antibody | anti-RAD50 antibody

Rabbit anti-Rad50 IHC Antibody, Affinity Purified

CATALOG # AAA213774	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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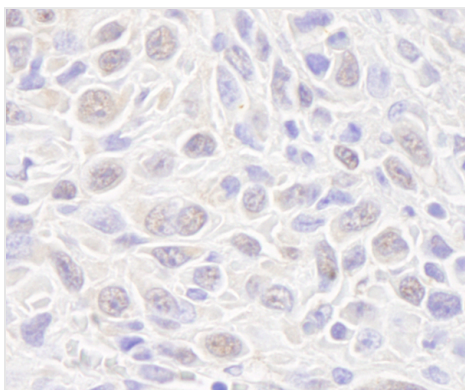
PRODUCT SYNONYMS

Rad50; Polyclonal Antibody; Rabbit anti-Rad50 IHC 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

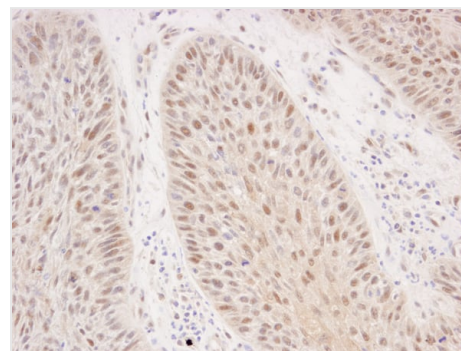
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-RAD50 antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Bovine, Dog, Rabbit, Orangutan, Monkey, Gorilla, Chimpanzee, Ferret, White-tufted-ear marmoset, Crab-eating macaque, Little brown bat, Small-eared galago, Olive baboon, Northern white-cheeked gibbon
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



IHC (Immunohistochemistry)

Detection of mouse Rad50 by immunohistochemistry. Sample: FFPE section of mouse squamous cell carcinoma. Antibody: Affinity purified rabbit anti-Rad50 (Cat. No. AAA213774) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human Rad50 by immunohistochemistry. Sample: FFPE section of human larynx squamous cell carcinoma. Antibody: Affinity purified rabbit anti-Rad50 (Cat. No. AAA213774) used at a dilution of 1:250. Detection: DAB staining using anti-rabbit IHC antibody (Cat. No. at a dilution of 1:100.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/rad50-antibody-immunohistochemistry-elisa/213774>