

Rabbit anti-Human RAD52 Polyclonal Antibody | anti-RAD52 antibody

Rabbit Polyclonal to Human RAD52

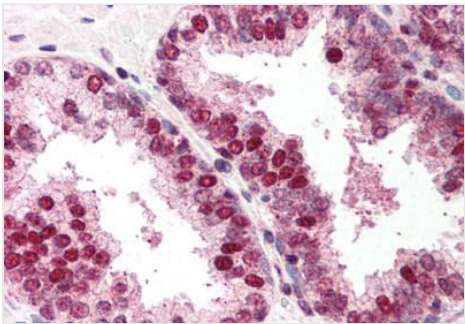
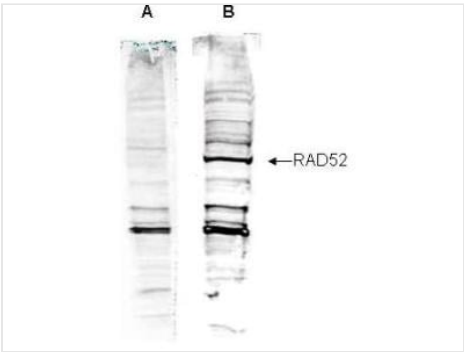
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50736	Rabbit	Human	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

RAD52; Polyclonal Antibody; Rabbit Polyclonal to Human RAD52; Anti-RAD52 Antibody (aa360-375) IHC-plus; RAD52 (S. cerevisiae) homolog; RAD52 homolog (S. cerevisiae); Recombination protein RAD52; Human RAD52; anti-RAD52 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	aa 360 - 375 of the Human Rad 52 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	418
Applicable Applications for anti-RAD52 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human RAD52.
Immunogen Type	Synthetic peptide
Immunogen	RAD52 antibody was raised against synthetic peptide from human RAD52.
Antigen Modification	aa360-375
Preparation and Storage	Store vial at -20 degree C prior to opening. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20 degree C or below. Avoid cycles of freezing and thawing.



IHC (Immunohistochemistry)
Anti-RAD52 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
Anti-Human RAD52 Antibody - Western Blot. Western blot analysis is shown using Affinity Purified anti-Human RAD52 antibody to detect Human RAD52 present in a HeLa nuclear extract (panel B). ~30 ug of lysate was loaded per lane for 4-20% gradient SDS-PAGE. Comparison to a molecular weight marker (not shown) indicates a band of ~63.0 kD is detected. Peptide competition (panel A) blocks the specific staining of this band. The blot was incubated with a 1:1000 dilution of the antibody at room temperature for 2 h followed by detection using IRDye800 labeled Goat-a-Rabbit IgG [H&L] (diluted 1:5000 for 45 min. IRDye800 fluorescence image was captured using the Odyssey Infrared Imaging System developed by.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109637798
NCBI GeneID	5893
NCBI Accession #	NP_602296.2
NCBI GenBank Nucleotide #	NM_134424.3
UniProt Accession #	P43351; Q13205; Q9Y5T7; Q9Y5T8; Q9Y5T9
Molecular Weight	12,943 Da
NCBI Official Full Name	DNA repair protein RAD52 homolog isoform a
NCBI Official Synonym Full Names	RAD52 homolog (S. cerevisiae)
NCBI Official Symbol	RAD52
NCBI Protein Information	DNA repair protein RAD52 homolog; recombination protein RAD52; rhabdomyosarcoma antigen MU-RMS-40.23
UniProt Protein Name	DNA repair protein RAD52 homolog
UniProt Gene Name	RAD52
UniProt Entry Name	RAD52_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.