

Rabbit RAD54 Polyclonal Antibody | anti-RAD54L antibody

RAD54 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289123	Rabbit	Human (Predicted Reactivity: Chicken, Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

RAD54; Polyclonal Antibody; RAD54 Antibody (C-term); DNA repair and recombination protein RAD54-like; 364-; RAD54 homolog; hHR54; hRAD54; RAD54L; RAD54A; anti-RAD54L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAD54 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 634-663 amino acids from the C-terminal region of human RAD54.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.26 (varies by lot)
Sequence Positions	634-663
Sequence Length	747
Applicable Applications for anti-RAD54L antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

RAD54 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

RAD54 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the RAD54 antibody detected the RAD54 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RAD54L antibody	The protein encoded by this gene belongs to the DEAD-like helicase superfamily, and shares similarity with <i>Saccharomyces cerevisiae</i> Rad54, a protein known to be involved in the homologous recombination and repair of DNA. This protein has been shown to play a role in homologous recombination related repair of DNA double-strand breaks. The binding of this protein to double-strand DNA induces a DNA topological change, which is thought to facilitate homologous DNA pairing, and stimulate DNA recombination. Alternative splicing results in multiple transcript variants encoding the same protein.
References	Liu, Y., et al. Carcinogenesis 31(10):1762-1769(2010) Briggs, F.B., et al. Am. J. Epidemiol. 172(2):217-224(2010) Monsees, G.M., et al. Breast Cancer Res. Treat. (2010) In press : Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	216548193
NCBI GeneID	8438
NCBI Accession #	NP_001136020.1; NP_003570.2
NCBI GenBank Nucleotide #	NM_001142548.1
UniProt Accession #	Q92698; Q5TE31; Q6IUY3
Molecular Weight	84352
NCBI Official Full Name	DNA repair and recombination protein RAD54-like
NCBI Official Synonym Full Names	RAD54-like (<i>S. cerevisiae</i>)
NCBI Official Symbol	RAD54L
NCBI Official Synonym Symbols	HR54; hHR54; RAD54A; hRAD54
NCBI Protein Information	DNA repair and recombination protein RAD54-like
UniProt Protein Name	DNA repair and recombination protein RAD54-like
UniProt Gene Name	RAD54L
UniProt Synonym Gene Names	RAD54A; hHR54; hRAD54
UniProt Entry Name	RAD54_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/rad54-antibody-flow-cytometry-western-blot-elisa/289123>