

ARG56155 anti-Rad54B antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Rad54B
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Rad54B
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 111-142 of Human Rad54B.
Conjugation	Un-conjugated
Alternate Names	EC 3.6.4.-; RDH54; RAD54 homolog B; DNA repair and recombination protein RAD54B

Application Instructions

Application table	Application	Dilution
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat	

Properties

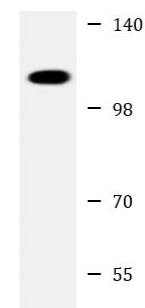
Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 25788 Human
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Gene Symbol	RAD54B
Gene Full Name	RAD54 homolog B (<i>S. cerevisiae</i>)
Background	The protein encoded by this gene belongs to the DEAD-like helicase superfamily. It shares similarity with <i>Saccharomyces cerevisiae</i> RAD54 and RDH54, both of which are involved in homologous recombination and repair of DNA. This protein binds to double-stranded DNA, and displays ATPase activity in the presence of DNA. This gene is highly expressed in testis and spleen, which suggests active roles in meiotic and mitotic recombination. Homozygous mutations of this gene were observed in primary lymphoma and colon cancer. [provided by RefSeq, Jul 2008]
Function	Involved in DNA repair and mitotic recombination. May play an active role in recombination processes in concert with other members of the RAD52 epistasis group. [UniProt]
Calculated Mw	103 kDa

Images



Jurkat

ARG56155 anti-Rad54B antibody WB image

Western blot: 20 µg of Jurkat cell lysate stained with ARG56155 anti-Rad54B antibody at 1:2000 dilution.