

# RAD54B Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21556a

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q9Y620</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB50796
Calculated MW	102967

## Additional Information

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Gene ID	25788
Other Names	DNA repair and recombination protein RAD54B, 364-, RAD54 homolog B, RAD54B
Target/Specificity	This RAD54B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 68-102 amino acids from the N-terminal region of human RAD54B.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RAD54B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	RAD54B
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.
Cellular Location	Nucleus.

**Tissue Location**

Abundantly expressed in testis and spleen. Relatively low levels observed in thymus, prostate, ovary and colon

**Background**

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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.

**References**

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Hiramoto T.,et al.Oncogene 18:3422-3426(1999).

Li W.B.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.

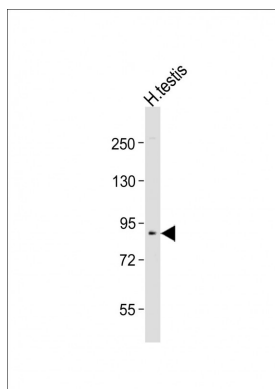
Nusbaum C.,et al.Nature 439:331-335(2006).

Tanaka K.,et al.J. Biol. Chem. 275:26316-26321(2000).

Miyagawa K.,et al.EMBO J. 21:175-180(2002).

**Images**

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Anti-RAD54B Antibody (N-term)at 1:2000 dilution + human testis lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 103 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.