

**RAD54B Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21946a****Specification**

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**RAD54B Antibody (N-Term) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">O9Y620</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>102967</b>

**RAD54B Antibody (N-Term) - Additional Information****Gene ID** 25788**Other Names**

DNA repair and recombination protein RAD54B, 3.6.4.-, RAD54 homolog B, RAD54B

**Target/Specificity**

This RAD54B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 111-142 amino acids from human RAD54B.

**Dilution**

WB~~1:2000

**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.

**RAD54B Antibody (N-Term) - Protein Information****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

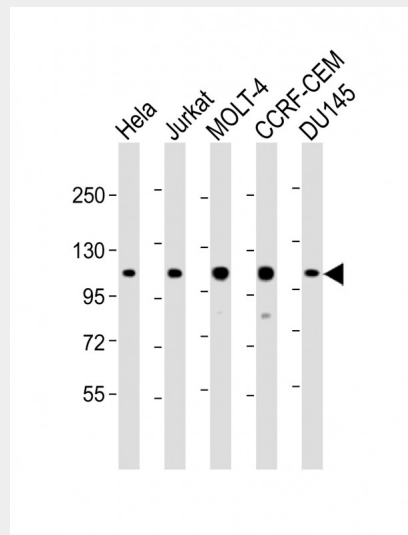
Abundantly expressed in testis and spleen. Relatively low levels observed in thymus, prostate, ovary and colon

#### RAD54B Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### RAD54B Antibody (N-Term) - Images



All lanes : Anti-RAD54B Antibody (N-Term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: MOLT-4 whole cell lysate Lane 4: CCRF-CEM whole cell lysate Lane 5: DU145 whole cell lysate 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.

#### RAD54B Antibody (N-Term) - Background

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.

#### RAD54B Antibody (N-Term) - References

- 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).