
Product Name: Rad54B Rabbit Polyclonal Antibody**Catalog #: APRab16850**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000

Molecular Weight

Antigen Information

Gene Name	RAD54B
Alternative Names	RAD54B; DNA repair and recombination protein RAD54B; RAD54 homolog B
Gene ID	25788.0
SwissProt ID	Q9Y620
Immunogen	The antiserum was produced against synthesized peptide derived from human RAD54B. AA range:241-290

Background

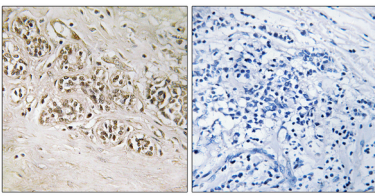
The RAD54 homolog B encoded by RAD54B belongs to the DEAD-like helicase superfamily. It shares similarity with

Saccharomyces cerevisiae 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. M phase, double-strand break repair via homologous recombination, recombinational repair, DNA metabolic process, DNA repair, double-strand break repair, DNA recombination, mitotic recombination, response to DNA damage stimulus, cell cycle, meiosis, meiosis I, reciprocal meiotic recombination, response to radiation, response to abiotic stimulus, response to ionizing radiation, cell cycle process, cell cycle phase, cellular response to stress, response to drug, regulation of transcription, meiotic cell cycle, M phase of meiotic cell cycle,

Research Area

Homologous recombination;

Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using RAD54B Antibody. The picture on the right is blocked with the synthesized peptide.