

## Rad54B Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP07614
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RAD54B. AA range:241-290
Mol wt	102967
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	Rad54B Antibody
Synonyms	RAD54B; DNA repair and recombination protein RAD54B; RAD54 homolog B

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

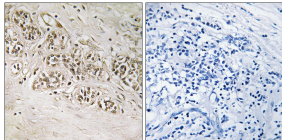
### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for one year