

Rad54 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07613
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RAD54L. AA range:221-270
Mol wt	84352
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Rad54 Antibody
Synonyms	RAD54L; RAD54A; DNA repair and recombination protein RAD54-like; RAD54 homolog; hHR54; hRAD54

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

Background

The protein encoded by RAD54L (RAD54-like) belongs to the DEAD-like helicase superfamily, and shares similarity with *Saccharomyces cerevisiae* Rad54, a protein known to be involved in the homologous recombination and repair of DNA. This protein has been shown to play a role in homologous recombination related repair of DNA double-strand breaks. The binding of this protein to double-strand DNA induces a DNA topological change, which is thought to facilitate homologous DNA pairing, and stimulate DNA recombination. Alternative splicing results in multiple transcript variants encoding the same protein.

Recommended Dilution

WB: 1: 500 - 1: 2000

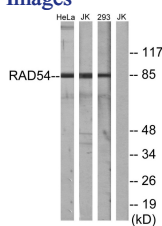
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HeLa cells, Jurkat cells, and 293 cells, using RAD54 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year