

Product Name: Rad50 Rabbit Polyclonal Antibody
Catalog #: APRab00221



Summary

Production Name	Rad50 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	RAD50
Alternative Names	RAD50; DNA repair protein RAD50; hRAD50
Gene ID	10111
SwissProt ID	Q92878.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200
Molecular Weight	Calculated MW: 154 kDa; Observed MW: 154 kDa

Background

Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination,

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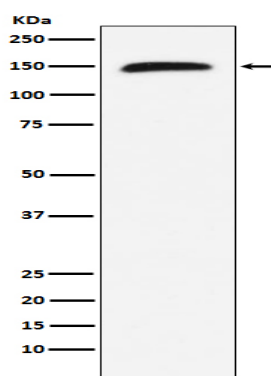


maintenance of telomere integrity and meiosis. The complex possesses single-strand endonuclease activity and double-strand-specific 3'-5' exonuclease activity, which are provided by MRE11A.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Rad50 in Jurkat lysates; using Rad50 antibody.

Note

For research use only.