Product Name: Mre11 Rabbit Polyclonal Antibody
Catalog #: APRab00177
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
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	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 81 kDa; Observed MW: 81 kDa

Antigen Information

Gene Name	MRE11
Alternative Names	MRE11 homolog 1; Meiotic recombination 11 homolog A; MRE11 homolog A; MRE11A; HNGS1; MRE11
Gene ID	4361
SwissProt ID	P49959
Immunogen	A synthetic peptide of human Mre11

Background

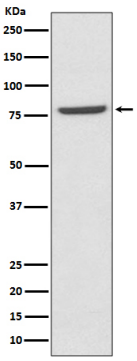
DNA double-strand breaks are generated by ionizing radiation and endogenously produced radicals, and they often are

repaired through the RAD52 homologous recombination pathway. The complex possesses single-strand endonuclease activity and double-strand-specific 3'-5' exonuclease activity, which are provided by MRE11A. RAD50 may be required to bind DNA ends and hold them in close proximity.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Mre11 in K562 lysates using Mre11 antibody.