

Rabbit MRE11A Polyclonal Antibody | anti-MRE11A antibody

MRE11A Antibody

CATALOG # AAA301046	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MRE11A; Polyclonal Antibody; MRE11A Antibody; ATLD; HNGS1; MRE11; MRE11B; anti-MRE11A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MRE11A protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	680
Applicable Applications for anti-MRE11A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MRE11A.
Target Name	MRE11A
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded rat brain using MRE11A antibody at dilution of 1:200 (400x lens).



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer using MRE11A antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MRE11A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRE11A antibody	This gene encodes a nuclear protein involved in homologous recombination, telomere length maintenance, and DNA double-strand break repair. By itself, the protein has 3' to 5' exonuclease activity and endonuclease activity. The protein forms a complex with the RAD50 homolog; this complex is required for nonhomologous joining of DNA ends and possesses increased single-stranded DNA endonuclease and 3' to 5' exonuclease activities. In conjunction with a DNA ligase, this protein promotes the joining of noncomplementary ends in vitro using short homologies near the ends of the DNA fragments. This gene has a pseudogene on chromosome 3. Alternative splicing of this gene results in two transcript variants encoding different isoforms.
Product Categories/Family for anti-MRE11A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234690
NCBI GeneID	4361
NCBI Accession #	NP_005581.2
NCBI GenBank Nucleotide #	NM_005590.3
UniProt Accession #	P49959; O43475; B3KTC7
Molecular Weight	81,070 Da
NCBI Official Full Name	double-strand break repair protein MRE11A isoform 2
NCBI Official Synonym Full Names	MRE11 homolog A, double strand break repair nuclease
NCBI Official Symbol	MRE11A
NCBI Official Synonym Symbols	ATLD; HNGS1; MRE11; MRE11B
NCBI Protein Information	double-strand break repair protein MRE11A
UniProt Protein Name	Double-strand break repair protein MRE11A
UniProt Gene Name	MRE11A
UniProt Synonym Gene Names	HNGS1; MRE11; MRE11 homolog 1; MRE11 homolog A
UniProt Entry Name	MRE11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mre11a-antibody-immunohistochemistry-western-blot-elisa/301046>