

Rabbit anti-Human MRE11 Polyclonal Antibody | anti-MRE11 antibody

Anti-MRE11 Antibody, Rabbit Polyclonal

CATALOG # AAA257590	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

MRE11; Polyclonal Antibody; Anti-MRE11 Antibody; Rabbit Polyclonal; MRE11 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-ATLD Antibody; Anti-HNGS1 Antibody; Anti-MRE11B Antibody; anti-MRE11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MRE11
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MRE11 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human MRE11 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MRE11 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IP (Immunoprecipitation)

MRE11A was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-MRE11A rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MRE11A rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 81 kDa. Observed band size: 81 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of MRE11A in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human MRE11A polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor-488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.

ADDITIONAL INFORMATION

Related Product Information for anti-MRE11 antibody	Background: MRE11 and NBS1 function together as components of a MRE11/RAD5/NBS1 protein complex. The MRN complex consisting of MRE11A-RAD5-NBS1 proteins is involved in the repair of double-strand breaks, and mutations in genes coding for the MRN complex have been identified in families with breast and ovarian cancer. In human-synovium chimeric mice, MRE11A(low) T cells were tissue-invasive and pro-arthritisogenic, and MRE11A reconstitution mitigated synovitis.MRE11A is a therapeutic target to combat immune aging and suppress dysregulated tissue inflammation.
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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/mre11-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/257590>