

## Rabbit MRE11A Polyclonal Antibody | anti-MRE11A antibody

MRE11A Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA239166 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

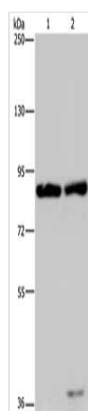
### PRODUCT SYNONYMS

MRE11A; Polyclonal Antibody; MRE11A Antibody; MRE11 meiotic recombination 11 homolog A; anti-MRE11A antibody

### PRODUCT SPECIFICATIONS

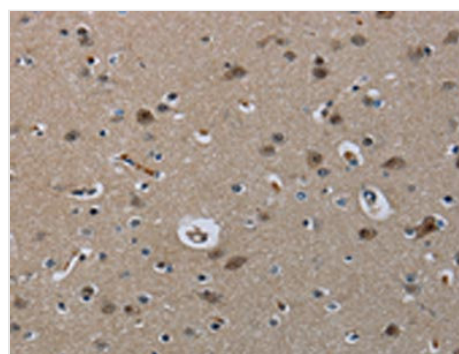
|                                                  |                                                                                         |
|--------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                  |
| Reactivity                                       | Human, Mouse, Rat                                                                       |
| Clonality                                        | Polyclonal                                                                              |
| Isotype                                          | IgG                                                                                     |
| Purity/Purification                              | Antigen Affinity Purification                                                           |
| Form/Format                                      | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-MRE11A antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                        | Fusion protein of human MRE11A                                                          |
| Immunogen Species                                | Human                                                                                   |
| Conjugate                                        | Non-conjugated                                                                          |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



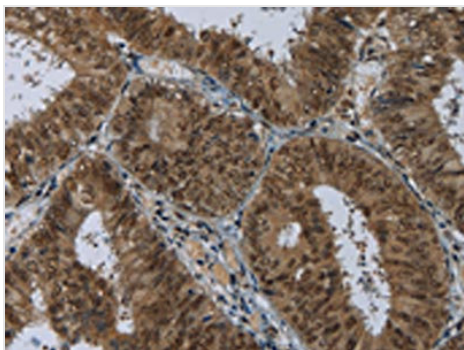
#### SDS-PAGE

Gel: 6%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Raji cells, K562 cells, Primary antibody: AAA239166(MRE11A Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 minutes



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using AAA239166(MRE11A Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using AAA239166(MRE11A Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                    |                                   |
|----------------------------------------------------|-----------------------------------|
| Product Categories/Family for anti-MRE11A antibody | Epigenetics and Nuclear Signaling |
|----------------------------------------------------|-----------------------------------|

### 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                                                                                                                                                                                                                     |
| Molecular Weight                 | 80,593 Da                                                                                                                                                                                                                          |
| NCBI Official Full Name          | double-strand break repair protein MRE11A isoform 2                                                                                                                                                                                |
| NCBI Official Synonym Full Names | MRE11 meiotic recombination 11 homolog A (S. cerevisiae)                                                                                                                                                                           |
| NCBI Official Symbol             | MRE11A                                                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | ATLD; HNGS1; MRE11; MRE11B                                                                                                                                                                                                         |
| NCBI Protein Information         | double-strand break repair protein MRE11A; AT-like disease; MRE11 homolog 1; MRE11 homolog A; endo/exonuclease Mre11; meiotic recombination 11 homolog 1; meiotic recombination 11 homolog A; DNA recombination and repair protein |
| UniProt Protein Name             | Double-strand break repair protein MRE11A                                                                                                                                                                                          |
| UniProt Gene Name                | <b>MRE11A</b>                                                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | HNGS1; MRE11; MRE11 homolog 1                                                                                                                                                                                                      |
| 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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