



Anti-MRE11 (aa 578-592) polyclonal antibody (DPATB-H81814)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Rabbit Anti-Mre11-ChIP Grade Polyclonal Antibody |
| Target | Mre11-ChIP Grade |
| Immunogen | Synthetic peptide: C-SQAESSKPTSKPK conjugated to KLH, corresponding to amino acids 578-592 of <i>S. cerevisiae</i> Mre11. C-SQAESSKPTSKPK Run BLAST with Run BLAST with |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | <i>Saccharomyces cerevisiae</i> |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | ChIP |
| Cellular Localization | Nucleus. Localizes to discrete nuclear foci after treatment with genotoxic agents. |
| Format | Liquid |
| Size | 100 µg |
| Buffer | 0.15M Sodium chloride, 0.02M Potassium phosphate. pH 7.2 |
| Preservative | 0.01% Sodium Azide |
| Storage | Store at +4°C short term. Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

BACKGROUND

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| Introduction | Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The complex possesses single-strand endonuclease activity and double-strand-specific 3-5 exonuc |
| Keywords | AT like disease; Ataxia telangiectasia disorder like; Ataxia-telangiectasia disorder-like; ATLD; DNA recombination and repair protein; Double strand break repair protein MRE11A; Double-strand break repair protein MRE11A; endo/exonuclease Mre11; HNGS1; mei |