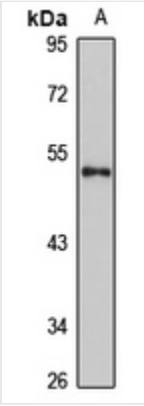
# RNMTL1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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|---|---|
| **Product Name** | RNMTL1, Polyclonal Antibody |
| **Full Product Name** | Anti-RNMTL1 Antibody |
| **Product Gene Name** | anti-RNMTL1 antibody |
| **Product Synonym Names** | RNA methyltransferase-like protein 1 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide. |
| **Purity/Purification** | Purified by Immunogen Affinity Chromatography |
| **Specificity** | Recognizes endogenous levels of RNMTL1 protein. |
| **Preparation and Storage** | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 47,020 Da |
| **OMIM** | 612600 |
| **3D Structure** | ModBase 3D Structure for Q9HC36 |
| **Immunogen** | Recombinant fusion protein of human RNMTL1. The exact sequence is proprietary. |
| **Applications Tested/Suitable for anti-RNMTL1 antibody** | Western Blot (WB) |
| **Application Notes for anti-RNMTL1 antibody** | WB: 1:500-1:2000 |
| **Related Product Information for anti-RNMTL1 antibody** | MBS8307965 is an antibody targeting RNMTL1. Reactive in Human. Host: Rabbit. Rabbit polyclonal antibody to RNMTL1 |
| **Other Notes** | Small volumes of anti-RNMTL1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Western Blot (WB) of anti-RNMTL1 antibody**
Western blot analysis of RNMTL1 expression in HepG2 (A) whole cell lysates.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RNMTL1. It may not necessarily be applicable to this product.

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|---|---|
| **NCBI GI #** | 962608812 |
| **NCBI GeneID** | 55178 |
| **NCBI Accession #** | NP_001304876.1 |
| **UniProt Primary Accession #** | Q9HC36 |
| **UniProt Secondary Accession #** | Q53GN1; Q86VC3; Q96F76; Q9NVQ5 |
| **UniProt Related Accession #** | Q9HC36 |
| **GenBank Nucleotide #** | NM_001317947.1 |
| **NCBI Official Full Name** | rRNA methyltransferase 3, mitochondrial isoform 2 |
| **NCBI Official Synonym Full Names** | mitochondrial rRNA methyltransferase 3 |
| **NCBI Official Symbol** | MRM3 |
| **NCBI Official Synonym Symbols** | RMTL1; RNMTL1 |
| **UniProt Protein Name** | rRNA methyltransferase 3, mitochondrial |
| **UniProt Synonym Protein Names** | 16S rRNA (guanosine(1370)-2'-O)-methyltransferase |
| **UniProt Gene Name** | RNMTL1 |
| **UniProt Entry Name** | MRM3_HUMAN |
| **NCBI Protein Information** | rRNA methyltransferase 3, mitochondrial |
| **UniProt Comments for RNMTL1** | RNMTL1: Probable RNA methyltransferase. Belongs to the RNA methyltransferase TrmH family.<br><br>Protein type: EC 2.1.1.-; Methyltransferase; RNA-binding<br><br>Chromosomal Location of Human Ortholog: 17p13.3<br><br>Cellular Component: mitochondrion<br><br>Molecular Function: methyltransferase activity; protein binding; RNA binding<br><br>Biological Process: RNA methylation |
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