

rRNA Methyltransferase 3, Mitochondrial (MRM3) Antibody

Catalogue No.: abx115331

rRNA Methyltransferase 3, Mitochondrial (MRM3) Antibody is a Rabbit Polyclonal antibody against rRNA Methyltransferase 3, Mitochondrial (MRM3). Efficient translation of mitochondrial-derived transcripts requires proper assembly of the large subunit of the mitochondrial ribosome. Central to the biogenesis of this large subunit is the A-loop of mitochondrial 16S rRNA, which is modified by three rRNA methyltransferases located near mtDNA nucleoids. The protein encoded by this gene methylates G(1370) of 16S rRNA, and this modification is necessary for proper ribosomal large subunit assembly. Two transcript variants encoding different isoforms have been found for this gene.

Target:	rRNA Methyltransferase 3, Mitochondrial (MRM3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Human RNMTL1.
Isotype:	IgG
Form:	Liquid
Purification:	Antigen Affinity Chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9HC36 (UniProt , ExPASy)
Gene Symbol:	MRM3
GeneID:	55178
OMIM:	612600
String:	9606.ENSP00000306080

Datasheet

Version: 2.0.0

Revision date: 30 Jul 2025



Buffer: PBS, pH 7.3, containing 0.1% Sodium Azide and 50% Glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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