

Datasheet for ABIN7261137

anti-RNMTL1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	RNMTL1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNMTL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human MRM3 (NP_060616.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	RNMTL1
Alternative Name:	MRM3 (RNMTL1 Products)
Background:	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

Target Details

this modification is necessary for proper ribosomal large subunit assembly. Two transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: Observed_MW: 47 kDa
Calculated_MW: 47 kDa

Gene ID: 55178

UniProt: [Q9HC36](#)

Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

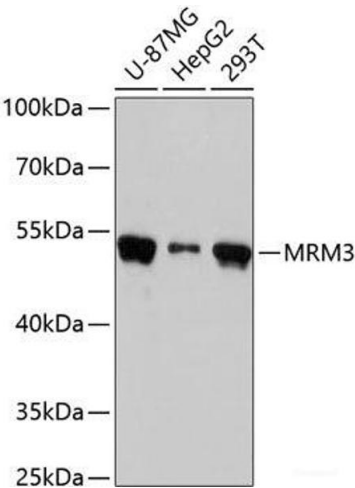
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using MRM3 Polyclonal Antibody at dilution of 1:3000.