

TRMT61B Polyclonal Antibody

Catalog Number:E-AB-62465



Note: Centrifuge before opening to ensure complete recovery of vial contents.

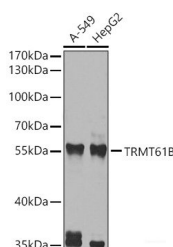
Description

Reactivity	Human
Immunogen	Recombinant fusion protein of human TRMT61B
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western blot analysis of various lysates using TRMT61B Polyclonal Antibody at 1:1000 dilution.

Observed Mw:52kDa
Calculated Mw:52kDa

Preparation & Storage

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

Background

Methyltransferase that catalyzes the formation of N(1-methyladenine at position 58 (m1A58 in various tRNAs in mitochondrion, including tRNA(Leu (deciphering codons UUA or UUG, tRNA(Lys and tRNA(Ser (deciphering codons UCA, UCU, UCG or UCC. Catalyzes the formation of 1-methyladenosine at position 947 of mitochondrial 16S ribosomal RNA and this modification is most likely important for mitoribosomal structure and function. In addition to tRNA N(1-methyltransferase activity, also acts as a mRNA N(1-methyltransferase by mediating methylation of adenosine residues at the N(1 position of MT-ND5 mRNA, leading to interfere with mitochondrial translation.

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