

TRMT61B polyclonal antibody

Catalog: BS71068

Host: Rabbit

Reactivity: Human

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

52kDa

Swiss-Prot:

Q9BVS5

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

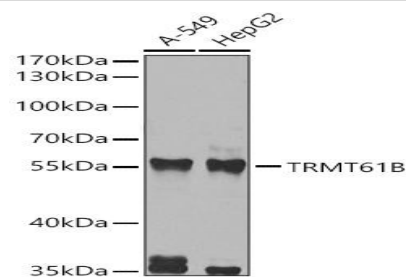
WB, 1:500 - 1:2000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Category:

Polyclonal Antibodies

DATA:

Western blot analysis of various lysates, using TRMT61B antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

Note:

For research use only, not for use in diagnostic procedure.

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