

Product datasheet for **TA382855S**

TRMT61B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human TRMT61B (NP_060380.3).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	52kDa
Gene Name:	tRNA methyltransferase 61B
Database Link:	Entrez Gene 55006 Human Q9BVS5
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.



[View online »](#)

Synonyms: DKFZp564I2178; FLJ20628