TRMT61B Rabbit pAb

Catalog No	YP-Ab-19586
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	TRMT61B
Immunogen	Synthesized peptide derived from human TRMT61B. AA range:51-151
Specificity	This antibody detects endogenous levels of TRMT61B at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	TRMT61B;Potential tRNA (adenine (58) -N (1)) -methyltransferase catalytic subunit TRMT61B (EC 2.1.1.220)
Observed Band	
Calculated Molecular Weight	52kD
Cell Pathway	Mitochondrion .
Tissue Specificity	
Function	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 .
Background	
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images