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Datasheet for ABIN6149560  
**anti-TRMT61B antibody (AA 1-250)**

1 Image

Overview

Quantity:	100 µL
Target:	TRMT61B
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRMT61B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human TRMT61B (NP_060380.3).
Sequence:	MLMAWCRGPV LLCLRQGLGT NSFLHGLGQE PFEGARSLCC RSSPRDLRDG EREHEAAQRK APGAESCPSL PLSISDIGTG CLSSLENLRL PTLREESSPR ELEDSSGDQG RCGPTHQGSE DPSMLSQAQS ATEVEERHVS PSCSTSRERP FQAGELILAE TGEGETKFCK LFRLNNFGLL NSNWGAVPFG KIVGKFPGQI LRSSFQKQYM LRRPALEDYV VLMKRGTAIT FPKDINMILS MMDINPGDTV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	TRMT61B
Alternative Name:	TRMT61B ( <a href="#">TRMT61B Products</a> )
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.,TRMT61B,Epigenetics & Nuclear Signaling,TRMT61B
Molecular Weight:	52 kDa
Gene ID:	55006
UniProt:	<a href="#">Q9BVS5</a>

## Application Details

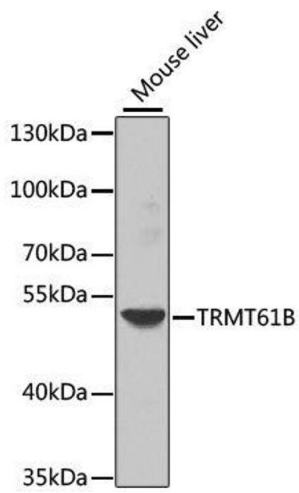
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
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 mouse liver, using TRMT61B antibody.