SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-TRMT2B antibody

Catalog Number: SL16104R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	TRMT2B
Immunogen:	KLH conjugated synthetic peptide derived from human TRMT2B: 101-200/504
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Chicken,Horse,Rabbit,Human)
Predicted MW.:	56kDa
Subcellular Location:	cytoplasmic
Background:	This gene encodes a homolog of the TRM2 gene in S. cerevisiae. The yeast gene encodes a tRNA methyltransferase that plays a role in tRNA maturation. The yeast protein also has endo-exonuclease activity and may be involved in DNA double strand break repair. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Nov 2009] **Function:** Probable S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine at position 54 (m5U54) in all tRNA. May also have a role in tRNA stabilization or maturation. **Similarity:** Belongs to the methyltransferase superfamily. RNA M5U methyltransferase family. **Database links:** **Entrez Gene:** 79979 Human GenBank: NM_024917 Human **SwissProt:** Q96GJ1 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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