KINESISDx

# TECHNICAL DATA SHEET

Cat No: Kab09007

Product Particulars: anti-TRMT5-antibody

Pack Size: 100µg

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Purify: Immunogen affinity purified

Host:  Rabbit

Isotype: IgG

Storage: PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20℃ for 24 months (Avoid repeated freeze / thaw cycles.)

Background (Function): Involved in mitochondrial tRNA methylation (PubMed:26189817). Specifically methylates the N1 position of guanosine-37 in various tRNAs. Methylation is not dependent on the nature of the nucleoside 5' of the target nucleoside. This is the first step in the biosynthesis of wybutosine (yW), a modified base adjacent to the anticodon of tRNAs and required for accurate decoding.

Immunogen: TRM5 tRNA methyltransferase 5 homolog (S. cerevisiae)

Synonyms: TRMT5, tRNA methyltransferase 5, TRM5, tRNA [GM37] methyltransferase, M1G methyltransferase

Calculated MW: 58kDa

Uniprot ID: Q32P41

Specificity: Human, Mouse ,Rat

Tested Application: ELISA,WB

Recommended Dilution: WB:1:500-1:5000

Gene ID: 57570

Gene Location:

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

OUR KINESISDX COMMITMENT : GUARANTEED QUALITY WITH EXPERT TECHNICAL SUPPORT