10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FLJ20628 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12945

Product Information

Application	WB
Primary Accession	Q9BVS5
Other Accession	NM_017910, NP_060380
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52965

Additional Information

Gene ID	55006
Alias Symbol	DKFZp564I2178, FLJ20628
Other Names	tRNA (adenine(58)-N(1))-methyltransferase, mitochondrial, 2.1.1.220, TRMT61B
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-FLJ20628 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	FLJ20628 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

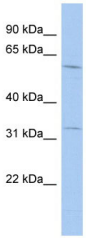
Name	TRMT61B
Function	Methyltransferase that catalyzes the formation of N(1)- methyladenine at position 58 (m1A58) in various tRNAs in mitochondrion, including tRNA(Leu) (deciphering codons UUA or UUG), tRNA(Lys) and tRNA(Ser) (deciphering codons UCA, UCU, UCG or UCC) (PubMed:23097428). Catalyzes the formation of 1-methyladenosine at position 947 of mitochondrial 16S ribosomal RNA and this modification is most likely important for mitoribosomal structure and function (PubMed:27631568). 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 (PubMed:29107537).

Cellular Location Mitochondrion matrix

References

Suzuki,Y.,Gene200(1-2),149-156(1997)ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-FLJ20628 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: SH-SYSY cell lysate
TRMT61B is supported by BioGPS gene expression data to be expressed in SHSY5Y

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.