

FLJ20628 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12945**Specification**

FLJ20628 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9BVS5
Other Accession	NM_017910 , NP_060380
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

FLJ20628 antibody - N-terminal region - 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.

FLJ20628 antibody - N-terminal region - 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

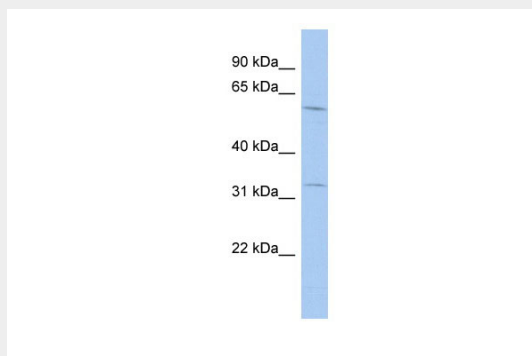
Mitochondrion matrix

FLJ20628 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FLJ20628 antibody - N-terminal region - Images



WB Suggested Anti-FLJ20628 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: SH-SY5Y cell lysate

TRMT61B is supported by BioGPS gene expression data to be expressed in SHSY5Y

FLJ20628 antibody - N-terminal region - References

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