

Trmt5 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12951**Specification**

Trmt5 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9D0C4
Other Accession	NM_029580 , NP_083856
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Horse, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa kDa

Trmt5 antibody - C-terminal region - Additional Information**Gene ID** 76357**Alias Symbol** 2610027O18Rik, KIAA1393, mKIAA1393**Other Names**

tRNA (guanine(37)-N1)-methyltransferase {ECO:0000255|HAMAP-Rule:MF_03152}, 2.1.1.228
{ECO:0000255|HAMAP-Rule:MF_03152}, M1G-methyltransferase
{ECO:0000255|HAMAP-Rule:MF_03152}, tRNA [GM37] methyltransferase
{ECO:0000255|HAMAP-Rule:MF_03152}, tRNA methyltransferase 5 homolog
{ECO:0000255|HAMAP-Rule:MF_03152}, Trmt5, Kiaa1393, Trm5

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-Trmt5 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

Trmt5 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Trmt5 antibody - C-terminal region - Protein Information**Name** Trmt5**Synonyms** Kiaa1393, Trm5**Function**

Involved in mitochondrial tRNA methylation (By similarity). 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.

Cellular Location

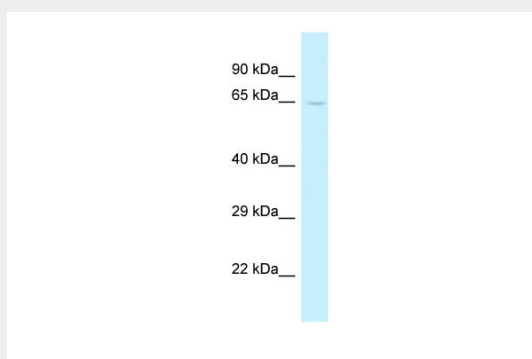
Mitochondrion matrix {ECO:0000255|HAMAP- Rule:MF_03152}. Nucleus {ECO:0000255|HAMAP-Rule:MF_03152}. Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03152}.
Note=Predominantly in the mitochondria and in the nucleus.
{ECO:0000255|HAMAP-Rule:MF_03152}

Trmt5 antibody - C-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](#)

Trmt5 antibody - C-terminal region - Images



WB Suggested Anti-Trmt5 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse liver