

Trit1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10433**Specification**

Trit1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q80UN9
Other Accession	NM_025873 , NP_080149
Reactivity	Human, Mouse, Rat, Horse, Bovine, Dog
Predicted	Human, Rat, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

Trit1 antibody - N-terminal region - Additional Information**Gene ID** 66966**Alias Symbol** 2310075G14Rik, AI314189, AI314635, AV099619, IPT, MOD5**Other Names**

tRNA dimethylallyltransferase, mitochondrial, 2.5.1.75, Isopentenyl-diphosphate:tRNA isopentenyltransferase, IPP transferase, IPPT, tRNA isopentenyltransferase, IPTase, Trit1, lpt

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-Trit1 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

Trit1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Trit1 antibody - N-terminal region - Protein Information**Name** Trit1**Synonyms** lpt**Function**

Catalyzes the transfer of a dimethylallyl group onto the adenine at position 37 of both cytosolic and mitochondrial tRNAs, leading to the formation of N6-(dimethylallyl)adenosine (i6A37) (PubMed:23289710). Mediates modification of a limited subset of tRNAs: tRNA(Ser)(AGA), tRNA(Ser)(CGA), tRNA(Ser)(UGA), as well as partial modification of the selenocysteine tRNA(Ser)(UCA) (By

similarity). TRIT1 is therefore required for selenoprotein expression (PubMed:23289710).

Cellular Location

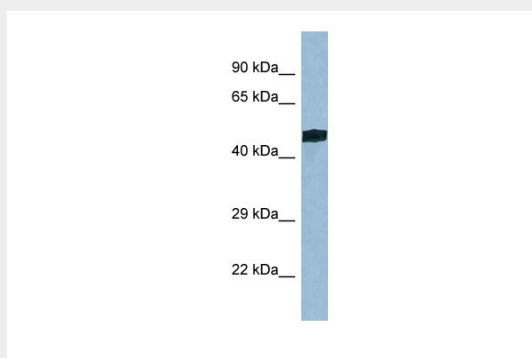
[Isoform 1]: Mitochondrion {ECO:0000250|UniProtKB:Q9H3H1}

Trit1 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](#)

Trit1 antibody - N-terminal region - Images



WB Suggested Anti-Trit1 Antibody

Titration: 1. µg/ml

Positive Control: Mouse Kidney