

TRUB2 Rabbit mAb
Catalog # AP76208**Specification**

TRUB2 Rabbit mAb - Product Information

Application	WB
Primary Accession	O95900
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	36694

TRUB2 Rabbit mAb - Additional Information**Gene ID** 26995**Other Names**
TRUB2**Dilution**
WB~~1/500-1/1000**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**TRUB2 Rabbit mAb - Protein Information****Name** TRUB2 {ECO:0000303|PubMed:12736709, ECO:0000312|HGNC:HGNC:17170}**Function**

Minor enzyme contributing to the isomerization of uridine to pseudouridine (pseudouridylation) of specific mitochondrial mRNAs (mt- mRNAs) such as COXI and COXIII mt-mRNAs (PubMed:27974379, PubMed:31477916). As a component of a functional protein-RNA module, consisting of RCC1L, NGRN, RPUSD3, RPUSD4, TRUB2, FASTKD2 and 16S mitochondrial ribosomal RNA (16S mt-rRNA), controls 16S mt-rRNA abundance and is required for intra-mitochondrial translation (PubMed:27667664). Also catalyzes pseudouridylation of some tRNAs, including synthesis of pseudouridine(55) from uracil-55, in the psi GC loop of a subset of tRNAs (PubMed:33023933).

Cellular Location

Mitochondrion matrix Note=Localizes to mitochondrial RNA granules, platforms for post-transcriptional RNA modification and ribosome assembly

TRUB2 Rabbit mAb - 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](#)

TRUB2 Rabbit mAb - Images

