

Product Name: TRUB2 Rabbit Monoclonal Antibody
Catalog #: AMRe02723



Summary

Production Name	TRUB2 Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	TRUB2
Alternative Names	Mitochondrial mRNA pseudouridine synthase TRUB2
Gene ID	26995
SwissProt ID	O95900.

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 37 kDa

Background

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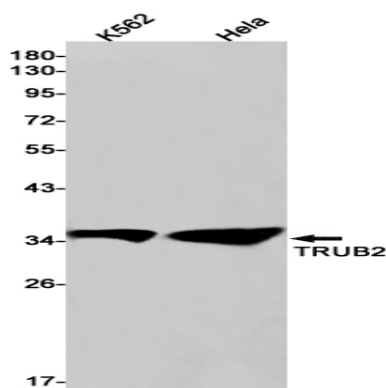


Minor enzyme contributing to the isomerization of uridine to pseudouridine (pseudouridylation) of specific mitochondrial mRNAs (mt-mRNAs) such as COXI and COXIII mt-mRNAs (PubMed:27974379). As a component of a functional protein-RNA module, consisting of RCC1L, NGRN, RPUSD3, RPUSD4, TRUB2, FASTKD2 and 16S mitochondrial ribosomal RNA (16S mt-rRNA), controls 16S mt-rRNA abundance and is required for intra-mitochondrial translation (PubMed:27667664).

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of TRUB2 in K562, HeLa lysates using TRUB2 antibody.

Note

For research use only.