

## TRUB2 Rabbit mAb

Catalog No: #52634

Package Size: #52634-1 50ul #52634-2 100ul

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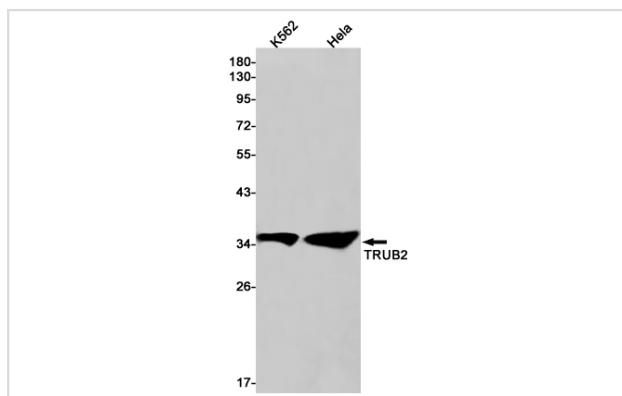
## Description

Product Name	TRUB2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-5D1
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant protein of human TRUB2
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Mitochondrial mRNA pseudouridine synthase TRUB2
Accession No.	Swiss-Prot:O95900GeneID:26995
Uniprot	O95900
GeneID	26995
Calculated MW	Calculated MW: 37 kDa; Observed MW: 37 kDa
Concentration	0.3 mg/ml
Formulation	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.

## Application Details

WB: 1/1000

## Images



Western blot detection of TRUB2 in K562, HeLa cell lysates using TRUB2 Rabbit mAb (1:1000 diluted). Predicted band size: 37 kDa. Observed band size: 37 kDa.

## Background

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Swiss-Prot Acc.O95900.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).

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Note: This product is for in vitro research use only