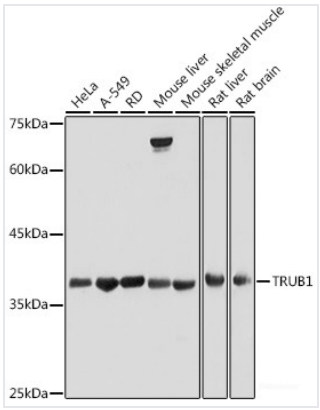
TRUB1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRUB1, Polyclonal Antibody
Full Product Name	TRUB1 Polyclonal Antibody
Product Gene Name	anti-TRUB1 antibody
Product Synonym Names	PUS4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
Purity/Purification	Affinity purification
Concentration	1mg/mL (lot specific)
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.
Molecular Weight	37,253 Da
OMIM	610726
3D Structure	ModBase 3D Structure for Q8WWH5
Immunogen	Recombinant fusion protein of human TRUB1
Product Categories/Family for anti-TRUB1 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TRUB1 antibody	Western Blot (WB)
Application Notes for anti-TRUB1 antibody	WB: 1:500-1:2000
Related Product Information for anti-TRUB1 antibody	Pseudouridine is an abundant component of rRNAs and tRNAs and is enzymatically generated by isomerization of uridine by pseudouridine synthase
Other Notes	Small volumes of anti-TRUB1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRUB1 purchase	MBS2574957 is an antibody targeting TRUB1. Also known as TRUB1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-TRUB1 antibody
Western blot analysis of extracts of various cell lines using TRUB1 Polyclonal Antibody at 1:500 dilution.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRUB1. It may not necessarily be applicable to this product.

NCBI GI #	21040257
NCBI GeneID	142940
NCBI Accession #	NP_631908.1
UniProt Primary Accession #	Q8WWH5
UniProt Secondary Accession #	Q53ES2; B2R716
UniProt Related Accession #	Q8WWH5
GenBank Nucleotide #	NM_139169.4
NCBI Official Full Name	probable tRNA pseudouridine synthase 1
NCBI Official Synonym Full Names	TruB pseudouridine (psi) synthase family member 1
NCBI Official Symbol	TRUB1
NCBI Official Synonym Symbols	PUS4
UniProt Protein Name	Probable tRNA pseudouridine synthase 1
Protein Family	Probable tRNA pseudouridine synthase
UniProt Gene Name	TRUB1
UniProt Synonym Gene Names	PUS4
UniProt Entry Name	TRUB1_HUMAN
NCBI Protein Information	probable tRNA pseudouridine synthase 1
NCBI Summary for TRUB1	Pseudouridine is an abundant component of rRNAs and tRNAs and is enzymatically generated by isomerization of uridine by pseudouridine synthase (Zucchini et al., 2003 [PubMed 12736709]).[supplied by OMIM, Mar 2008]

UniProt Comments for TRUB1	TRUB1: May be responsible for synthesis of pseudouridine from uracil in transfer RNAs. Belongs to the pseudouridine synthase TruB family. Protein type: Isomerase; EC 5.4.99.-; RNA processing Chromosomal Location of Human Ortholog: 10q25.3 Molecular Function: pseudouridine synthase activity; RNA binding Biological Process: tRNA modification
Research Articles on TRUB1	**1.** Observational study of gene-disease association. (HuGE Navigator)
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