

TMUB1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58704

Specification

TMUB1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9BVT8
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMUB1
Epitope Specificity	101-200/246
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Multi-pass membrane protein (Potential). Cytoplasm. Nucleus. Note=Predominantly nuclear during growth arrest (By similarity). Actively exported from the nucleus in dividing cells. Contains 1 ubiquitin-like domain.
SIMILARITY	Interacts with EEF1A1 (By similarity).
SUBUNIT	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Important Note	

Background Descriptions

May contribute to the regulation of translation during cell-cycle progression. May contribute to the regulation of cell proliferation.

TMUB1 Polyclonal Antibody - Additional Information

Gene ID 83590

Other Names

Transmembrane and ubiquitin-like domain-containing protein 1, Dendritic cell-derived ubiquitin-like protein, DULP, Hepatocyte odd protein shuttling protein, Ubiquitin-like protein SB144, iHOPS, TMUB1, C7orf21, DULP, HOPS

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

TMUB1 Polyclonal Antibody - Protein Information

Name TMUB1

Synonyms C7orf21, DULP, HOPS

Function

Involved in sterol-regulated ubiquitination and degradation of HMG-CoA reductase HMGCR (PubMed:21343306). Involved in positive regulation of AMPA-selective glutamate receptor GRIA2 recycling to the cell surface (By similarity). Acts as a negative regulator of hepatocyte growth during regeneration (By similarity).

Cellular Location

Membrane {ECO:0000250|UniProtKB:Q9JMG3}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9JMG3}. Postsynaptic cell membrane {ECO:0000250|UniProtKB:Q9JMG3}. Recycling endosome {ECO:0000250|UniProtKB:Q53AQ4}. Cytoplasm {ECO:0000250|UniProtKB:Q9JMG3}. Nucleus {ECO:0000250|UniProtKB:Q9JMG3} Nucleus, nucleolus {ECO:0000250|UniProtKB:Q9JMG3}

Tissue Location

Ubiquitously expressed with highest levels in mammary and thyroid glands, bone marrow and spleen; limited expression in cardiac, pancreatic and ovarian tissues

TMUB1 Polyclonal Antibody - 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](#)

TMUB1 Polyclonal Antibody - Images