

TMUB1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP5928c

Specification

TMUB1 Antibody (Center) - Product Information

Application WB, IHC-P,E
Primary Accession O9BVT8

Other Accession <u>Q53AQ4, NP 001129516.1, NP 113622.1</u>

Reactivity Human, Mouse

Predicted Rat
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 26261
Antigen Region 112-141

TMUB1 Antibody (Center) - 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, TMUB1, C7orf21, DULP, HOPS

Target/Specificity

This TMUB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 112-141 amino acids from the Central region of human TMUB1.

Dilution

WB~~1:1000 IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TMUB1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TMUB1 Antibody (Center) - 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:Q9JMG3}. Cytoplasm {ECO:0000250|UniProtKB:Q9JMG3}. Nucleus {ECO:0000250|UniProtKB:Q9JMG3} Nucleus, nucleolus {ECO:0000250|UniProtKB:Q9JMG3}

Tissue Location

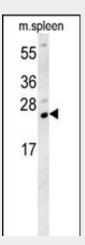
Ubiquitously expressed with highest levels in mammary and thyroid glands, bone marrow and spleen; limited expression in cardiac, pancreatic and ovarian tissues

TMUB1 Antibody (Center) - Protocols

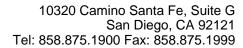
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

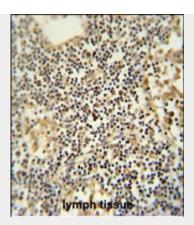
TMUB1 Antibody (Center) - Images



TMUB1 Antibody (Center) (Cat. #AP5928c) western blot analysis in mouse spleen tissue lysates (15ug/lane). This demonstrates the TMUB1 antibody detected TMUB1 protein (arrow).







TMUB1 antibody (Center) (Cat. #AP5928c) immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TMUB1 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.