

### **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

lsotype IgG

Purity

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.

SIMILARITY
SUBUNIT
Important Note
Important Note
Contains 1 ubiquitin-like domain.
Interacts with EEF1A1 (By similarity).
This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

#### **Background Descriptions**

affinity purified by Protein A

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**

<span class ="dilution IHC-P">IHC-P~~N/A</span><br \><span class</pre>

="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class

="dilution IF">IF $\sim$ 1:50 $\sim$ 200</span><br\><span class ="dilution E">E $\sim$ N/A</span>



# **Storage**

Store at -20  $^{\circ}$ 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  $^{\circ}$ 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:<a href="http://www.uniprot.org/citations/21343306" target="\_blank">21343306</a>). 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 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 Cytomety
- Cell Culture

# **TMUB1 Polyclonal Antibody - Images**