

TMUB1 Rabbit pAb

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Catalog # AP58704

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BVT8
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26261
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May contribute to the regulation of translation during cell-cycle progression. May contribute to the regulation of cell proliferation.

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=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.