

TMED9 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13250B**Specification**

TMED9 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9BVK6
Other Accession	Q5I0E7 , Q99KF1 , Q3T133 , NP_059980.2
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27277
Antigen Region	169-198

TMED9 Antibody (C-term) - Additional Information**Gene ID** 54732**Other Names**

Transmembrane emp24 domain-containing protein 9, GMP25, Glycoprotein 25L2, p24 family protein alpha-2, p24alpha2, p25, TMED9, GP25L2

Target/Specificity

This TMED9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-198 amino acids from the C-terminal region of human TMED9.

Dilution

WB~~1:1000
IHC-P~~1:10~50

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

TMED9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TMED9 Antibody (C-term) - Protein Information**Name** TMED9

Synonyms GP25L2

Function Appears to be involved in vesicular protein trafficking, mainly in the early secretory pathway. In COPI vesicle-mediated retrograde transport involved in the coatamer recruitment to membranes of the early secretory pathway. Increases coatamer-dependent activity of ARFGAP2. Thought to play a crucial role in the specific retention of p24 complexes in cis-Golgi membranes; specifically contributes to the coupled localization of TMED2 and TMED10 in the cis-Golgi network. May be involved in organization of intracellular membranes, such as of the ER-Golgi intermediate compartment and the Golgi apparatus. Involved in ER localization of PTPN2 isoform PTPB.

Cellular Location

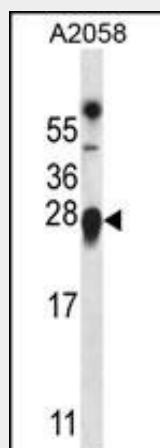
Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus, cis-Golgi network membrane; Single-pass type I membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Single-pass type I membrane protein Golgi apparatus, trans-Golgi network membrane; Single-pass type I membrane protein. Note=Cycles between compartments of the early secretory pathway

TMED9 Antibody (C-term) - Protocols

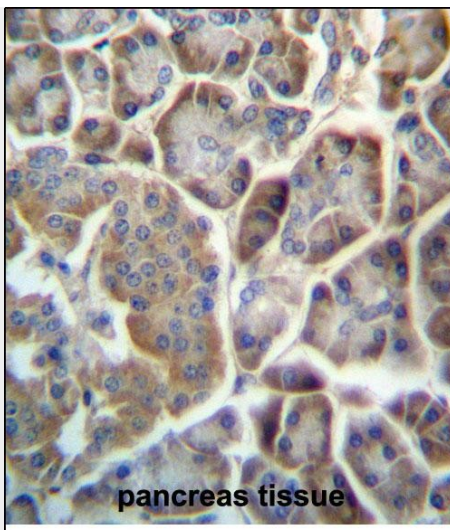
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TMED9 Antibody (C-term) - Images



TMED9 Antibody (C-term) (Cat. #AP13250b) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the TMED9 antibody detected the TMED9 protein (arrow).



TMED9 Antibody (C-term) (Cat. #AP13250b) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TMED9 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

TMED9 Antibody (C-term) - Background

The specific function of this protein remains unknown.

TMED9 Antibody (C-term) - References

- Breuza, L., et al. J. Biol. Chem. 279(45):47242-47253(2004)
- Zhang, H., et al. Nat. Biotechnol. 21(6):660-666(2003)
- Zhang, H., et al. Nat. Biotechnol. 21(6):660-666(2003)
- Renz, M., et al. J. Biol. Chem. 275(14):10429-10436(2000)
- Wada, I., et al. J. Biol. Chem. 266(29):19599-19610(1991)