

Product datasheet

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ARG59409 anti-TMED9 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes TMED9

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name TMED9

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-224 of Human TMED9 (NP_059980.2).

Conjugation Un-conjugated

Alternate Names Glycoprotein 25L2; HSGP25L2G; p25; p24alpha2; p24 family protein alpha-2; GMP25; Transmembrane

emp24 domain-containing protein 9

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat liver, Mouse lung and A-431	
Observed Size	27 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol TMED9

Gene Full Name transmembrane p24 trafficking protein 9

Function Appears to be involved in vesicular protein trafficking, mainly in the early secretory pathway. In COPI

vesicle-mediated retrograde transport involved in the coatomer recruitment to membranes of the early secretory pathway. Increases coatomer-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. [UniProt]

Calculated Mw 27 kDa

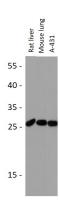
PTM N-linked glycosylated containing high mannose. [UniProt]

Cellular Localization 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

secretatory pathway. [UniProt]

Images



ARG59409 anti-TMED9 antibody WB image

Western blot: $25~\mu g$ of Rat liver, Mouse lung and A-431 cell lysates stained with ARG59409 anti-TMED9 antibody at 1:3000 dilution.