

TMED4 Rabbit pAb

Catalog # AP98104

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q7Z7H5
Other Accession	Q7Z7H5
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25943
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMED4
Epitope Specificity	41-140/227
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the EMP24/GP25L family. Contains 1 GOLD domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TMED4 is a putative NF-kB activating protein belonging to the EMP24/GP25L family, and contains 1 GOLD domain. It is also known as Transmembrane emp24 protein transport domain containing 4.

Additional Information

Gene ID	222068
Other Names	ERS25; GMP25iso; HNLF; p24a3; p24alpha3; 1110014L17Rik; RGD1306319; TMED4_HUMAN; TMED4; Endoplasmic reticulum stress-response protein 25 (ERS25); Putative NF-kappa-B-activating protein 156; p24 family protein alpha-3 (p24alpha3); TMED4_MOUSE; p26; transmembrane p24 trafficking protein 4; transmembrane emp24 protein transport domain containing 4
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	TMED4
Synonyms	ERS25

Function	Involved in vesicular protein trafficking, mainly in the early secretory pathway. targeting. Involved in the maintenance of the Golgi apparatus. Appears to play a role in the biosynthesis of secreted cargo including processing. Involved in endoplasmic reticulum stress response. May play a role in the regulation of heat-shock response and apoptosis (By similarity).
Cellular Location	Endoplasmic reticulum membrane; Single-pass type I membrane protein

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