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TMED4 Rabbit pAb

Catalog # AP98104

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q7Z7H5
Other Accession	Q7Z7H5
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit, Horse, Sheep
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'.