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TMEM132D Rabbit pAb

Catalog # AP97611

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q14C87
Other Accession	Q14C87
Reactivity	Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	122309
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMEM132D
Epitope Specificity	351-450/1099
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 TMEM132 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	121256
Other Names	MOLT; PPP1R153; C630028F04Rik; T132D_HUMAN; TMEM132D; Mature oligodendrocytes transmembrane protein (Mature OL transmembrane protein); HBE120; KIAA1944; T132D_MOUSE; T132D_RAT; transmembrane protein 132D; protein phosphatase 1, regulatory subunit 153
Dilution	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	TMEM132D (HGNC:29411)
Function	Regulate neuronals morphology via inhibition of the WAVE regulatory complex (WCR), a complex that controls F-actin cytoskeletal dynamics.
Cellular Location	Membrane; Single-pass type I membrane protein

Tissue Location	Expressed in mature oligodendrocytes. Detected in the brain, lung, pancreas and testis (PubMed:12966072). Highly expressed in mature neurons of the adult nervous system (PubMed:33726789).

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