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TMEM132D Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10011b

Product Information

Application	WB, FC, E
Primary Accession	Q14C87
Other Accession	NP_597705.2
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27559
Calculated MW	122309
Antigen Region	805-833

Additional Information

Gene ID	121256
Other Names	Transmembrane protein 132D, Mature oligodendrocytes transmembrane protein, Mature OL transmembrane protein, TMEM132D, HBE120, KIAA1944, MOLT
Target/Specificity	This TMEM132D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 805-833 amino acids from the C-terminal region of human TMEM132D.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
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	TMEM132D Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

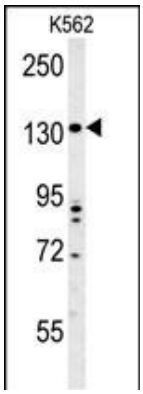
Name	TMEM132D (HGNC:29411)
Function	Regulate neuronals morphology via inhibition of the WAVE regulatory

complex (WCR), a complex that controls F-actin cytoskeletal dynamics.

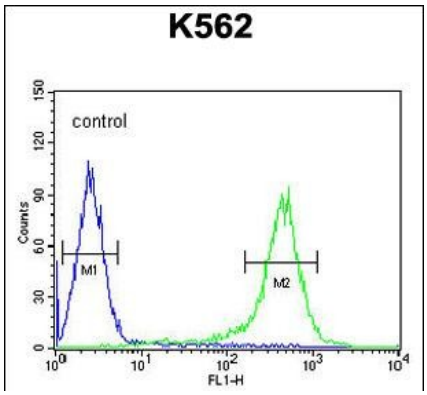
Cellular Location Membrane; Single-pass type I membrane protein

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).

Images



TMEM132D Antibody (C-term) (Cat. #AP10011b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the TMEM132D antibody detected the TMEM132D protein (arrow).



TMEM132D Antibody (C-term) (Cat. #AP10011b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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