

For Research Use Only

TMEM184B Polyclonal antibody

Catalog Number: 28031-1-AP



Basic Information

Catalog Number: 28031-1-AP	GenBank Accession Number: BC015489	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 25829	Recommended Dilutions: IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: Q9Y519	
Isotype: IgG	Full Name: transmembrane protein 184B	
Immunogen Catalog Number: AG27704		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse brain tissue, mouse cerebellum tissue
Species Specificity: Human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Transmembrane protein 184B (TMEM184B) is a seven-pass transmembrane protein highly expressed in the nervous system and is thought to play a role in neuronal excitability, synaptic structure, and expression of key developmental and adult pathways involved in neuronal differentiation (PMID: 27122027; 37730546). TMEM184B may activate the MAP kinase signaling pathway (PMID: 12761501). TMEM184B has also been reported to be necessary for interleukin-31-induced itch, promoting adult somatosensation through developmental Wnt signaling and promotion of proper pruriceptive gene expression (PMID: 34629389).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

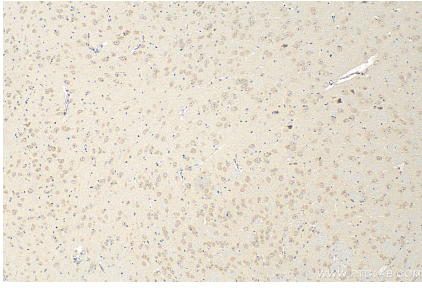
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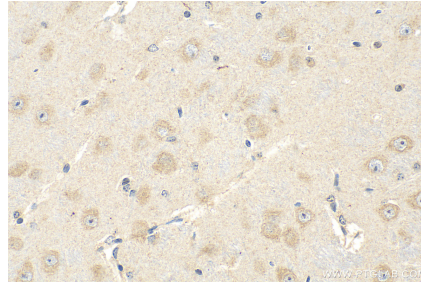
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28031-1-AP (TMEM184B antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28031-1-AP (TMEM184B antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).