

For Research Use Only

TMEM106B Recombinant antibody, PBS Only

Catalog Number: 84196-3-PBS



Basic Information

Catalog Number:	84196-3-PBS	GenBank Accession Number:	BC033901	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	54664	CloneNo.:	250288B6
Source:	Rabbit	UNIPROT ID:	Q9NUM4		
Isotype:	IgG	Full Name:	transmembrane protein 106B		
Immunogen Catalog Number:	EG4518	Calculated MW:	31 kDa		

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

TMEM106B is a genetic risk factor for frontotemporal lobar degeneration with TDP-43 inclusions (FTLD-TDP). Amyotrophic lateral sclerosis (ALS), like FTLD-TDP, is characterized by pathological TDP-43 inclusions. TMEM106B expression in the brain may be linked to mechanisms of disease in FTLD-TDP and risk alleles confer genetic susceptibility by increasing gene expression. TMEM106B can be showed as 31-55 kDa and 70-90 kDa (Glycosylated or Dimer) form in western blot test. (PMID: 27543298, 22895706, PMID: 23136129).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

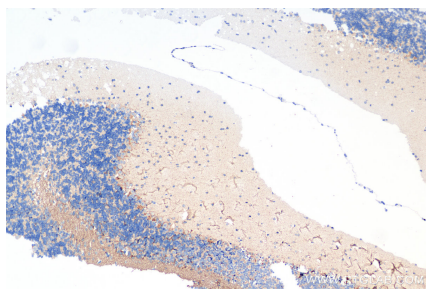
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E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 84196-3-RR (TMEM106B antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84196-3-PBS in a different storage buffer formulation.