

For Research Use Only

TMEM106B Recombinant antibody

Catalog Number: 84196-3-RR



Basic Information

Catalog Number:	84196-3-RR	GenBank Accession Number:	BC033901	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	54664	CloneNo.:	250288B6
Source:	Rabbit	UNIPROT ID:	Q9NUM4	Recommended Dilutions:	IHC: 1:50-1:500
Isotype:	IgG	Full Name:	transmembrane protein 106B		
Immunogen Catalog Number:	EG4518	Calculated MW:	31 kDa		

Applications

Tested Applications:	IHC, ELISA	Positive Controls:	IHC : mouse cerebellum tissue, mouse brain tissue
Species Specificity:	human, mouse		
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

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

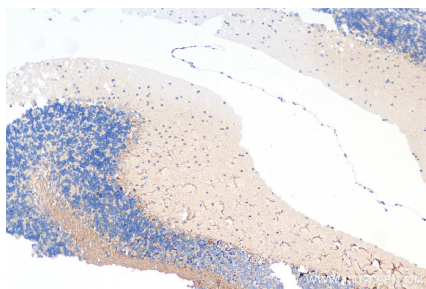
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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).