

For Research Use Only

TMEM106B Recombinant antibody

Catalog Number: 84196-2-RR



Basic Information

Catalog Number: 84196-2-RR	GenBank Accession Number: BC033901	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 54664	CloneNo.: 241185F10
Source: Rabbit	UNIPROT ID: Q9NUM4	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: transmembrane protein 106B	
	Calculated MW: 31 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, mouse brain tissue
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 -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:

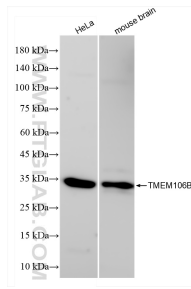
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84196-2-RR (TMEM106B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.