

For Research Use Only

TMEM106B Recombinant antibody, PBS Only

Catalog Number: 84196-2-PBS



Basic Information

Catalog Number:

84196-2-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC033901

GeneID (NCBI):

54664

UNIPROT ID:

Q9NUM4

Full Name:

transmembrane protein 106B

Calculated MW:

31 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

241185F10

Applications

Tested Applications:

WB, IHC, 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.

Storage Buffer:

PBS only, pH7.3

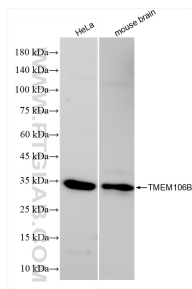
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

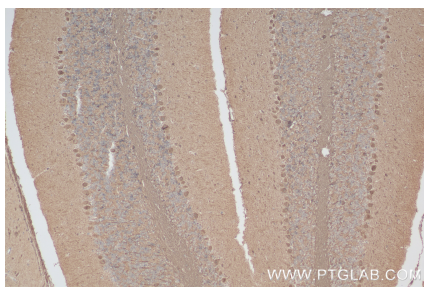
E: proteintech@ptglab.com
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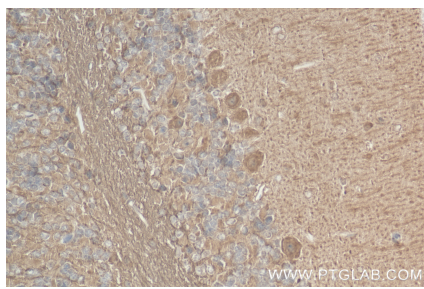
Selected Validation Data



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. This data was developed using the same antibody clone with 84196-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 84196-2-RR (TMEM106B antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84196-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 84196-2-RR (TMEM106B antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84196-2-PBS in a different storage buffer formulation.