

For Research Use Only

TMEM106B Polyclonal antibody

Catalog Number: 20995-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 20995-1-AP	GenBank Accession Number: BC033901	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 54664	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: transmembrane protein 106B	
Isotype: IgG	Calculated MW: 31 kDa	
Immunogen Catalog Number: AG14264	Observed MW: 31-35 kDa, 40-55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, HepG2 cells
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse	
Cited Species: 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).

Notable Publications

Author	Pubmed ID	Journal	Application
Kui Xiao	34714841	PLoS One	WB
Jun-Ichi Satoh	24684749	Alzheimers Res Ther	WB
Andrew Chang	35247328	Cell	IHC

Storage

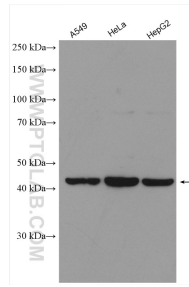
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

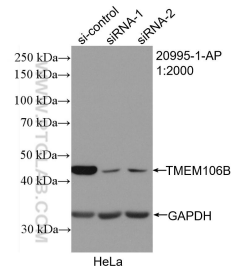
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20995-1-AP (TMEM106B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of TMEM106B antibody (20995-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TMEM106B transfected HeLa cells.