

For Research Use Only

TMEM106B Polyclonal antibody

Catalog Number: 20995-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

20995-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14264

GenBank Accession Number:

BC033901

GeneID (NCBI):

54664

UNIPROT ID:

Q9NUM4

Full Name:

transmembrane protein 106B

Calculated MW:

31 kDa

Observed MW:

31-35 kDa, 40-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : A549 cells, HeLa cells, HepG2 cells

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

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

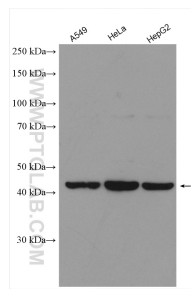
T: 4006900926

E: Proteintech-CN@ptglab.com

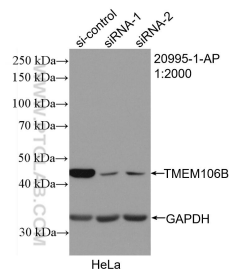
W: ptgcn.com

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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.