

For Research Use Only

# TMEM106B Monoclonal antibody, PBS Only



Catalog Number: 60333-1-PBS

Featured Product

## Basic Information

Catalog Number:

60333-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG21448

GenBank Accession Number:

BC033901

GeneID (NCBI):

54664

UNIPROT ID:

Q9NUM4

Full Name:

transmembrane protein 106B

Calculated MW:

31 kDa

Observed MW:

~40 kDa

Purification Method:

Protein G purification

CloneNo.:

5D1F8

## Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human

## 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.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

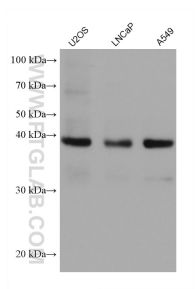
For technical support and original validation data for this product please contact:

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

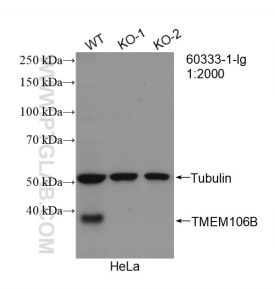
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

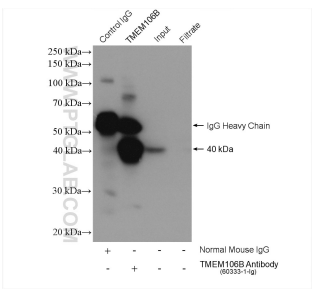
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60333-1-Ig (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 60333-1-PBS in a different storage buffer formulation.



WB result of TMEM106B antibody (60333-1-Ig; 1:2000; room temperature for 1.5 hours) with wild-type and TMEM106B knockout HeLa cells. This data was developed using the same antibody clone with 60333-1-PBS in a different storage buffer formulation.



IP result of anti-TMEM106B (IP:60333-1-Ig, 5ug; Detection:60333-1-Ig 1:500) with HeLa cells lysate 1720 ug. This data was developed using the same antibody clone with 60333-1-PBS in a different storage buffer formulation.