

For Research Use Only

TMEM38B Polyclonal antibody

Catalog Number: 32251-1-AP



Basic Information

Catalog Number:

32251-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37754

GenBank Accession Number:

BC000049

GeneID (NCBI):

55151

UNIPROT ID:

Q9NVV0

Full Name:

transmembrane protein 38B

Calculated MW:

291 aa, 33 kDa

Observed MW:

28 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, LNCaP cells, MCF-7 cells

Background Information

TMEM38B encodes endoplasmic reticulum membrane monovalent cation-specific channel which is involved in the release of calcium (Ca²⁺) from intracellular stores. TMEM38B, also known as TRIC-B, is one of the two trimeric intracellular cation (TRIC) channels. TRIC-B deficiency causes bone disease due to defective Ca²⁺ release and signaling in the bone cells. (PMID: 34036147, PMID: 39385871)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

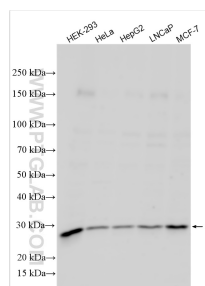
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 32251-1-AP (TMEM38B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.