

For Research Use Only

ZnT3 Monoclonal antibody, PBS Only

Catalog Number: 67262-1-PBS



Basic Information

Catalog Number:

67262-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG10735

GenBank Accession Number:

BC028358

GeneID (NCBI):

7781

UNIPROT ID:

Q99726

Full Name:

solute carrier family 30 (zinc transporter), member 3

Calculated MW:

388 aa, 42 kDa

Observed MW:

38-40 kDa

Purification Method:

Protein A purification

CloneNo.:

1B9B1

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, pig, rat

Background Information

ZnT3, encoded by SLC30A3, is a member of SLC30A family which is zinc transporter sequestering cytosolic zinc into intracellular compartments or effluxing zinc to the extracellular space. Excessive zinc level can cause neuron apoptosis and lead to cognitive impairments. ZnT3 facilitates the transport and storage of zinc in synaptic vesicles. Abnormal ZnT3 expression has been linked to some neurodegenerative disorders.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

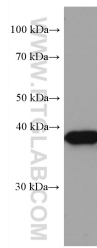
T: 4006900926

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



pig brain tissue were subjected to SDS PAGE followed by western blot with 67262-1-Ig (ZnT3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67262-1-PBS in a different storage buffer formulation.