

For Research Use Only

ZIP1 Polyclonal antibody

Catalog Number: 26799-1-AP



Basic Information

Catalog Number:

26799-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24937

GenBank Accession Number:

BC003152

GeneID (NCBI):

27173

UNIPROT ID:

Q9NY26

Full Name:

solute carrier family 39 (zinc transporter), member 1

Calculated MW:

324 aa, 34 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : PC-3 cells, U2OS cells

Background Information

SLC39A1, also known as ZIP1, is a member of the zinc-iron permease family. It is localized to the cell membrane and acts as a zinc uptake transporter. SLC39A1 mediates the influx of Zn²⁺ into cells from extracellular space (PMID: 16844077). SLC39A1 is the major importer of zinc from circulating blood plasma into prostate cells (PMID: 12888280). In mesenchymal stem cells (MSCs), ZIP1 may exist as a dimer with a molecular weight of 70kD (PMID: 16203195).

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:

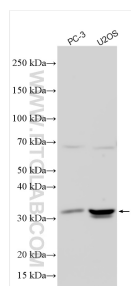
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 26799-1-AP (ZIP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.