

For Research Use Only

ZIP7 Recombinant antibody

Catalog Number: 85383-1-RR



Basic Information

Catalog Number:

85383-1-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13798

GenBank Accession Number:

BC000645

GeneID (NCBI):

7922

UNIPROT ID:

Q92504

Full Name:

solute carrier family 39 (zinc transporter), member 7

Calculated MW:

469 aa, 50 kDa

Observed MW:

45-50 kDa, 56 kDa

Purification Method:

Protein A purification

CloneNo.:

242786C7

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, HeLa cells, A549 cells, K-562 cells

Background Information

ZIP7, also known as SLC39A7, is a member of the SLC39 family of zinc transporters. It is a transmembrane protein primarily localized to the endoplasmic reticulum (ER) and is involved in the transport of zinc ions from the ER and Golgi apparatus to the cytoplasm. This process is crucial for maintaining zinc homeostasis within the cell and regulating various signaling pathways.

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

*** 20ul sizes contain 0.1% BSA

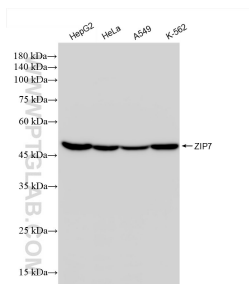
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85383-1-RR (SLC39A7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.