

For Research Use Only

ZnT6 Polyclonal antibody

Catalog Number: 13526-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

13526-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4403

GenBank Accession Number:

BC032525

GeneID (NCBI):

55676

UNIPROT ID:

Q6NXT4

Full Name:

solute carrier family 30 (zinc transporter), member 6

Calculated MW:

460 aa, 50 kDa

Observed MW:

51 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, chicken, Yellow catfish, mouse

Positive Controls:

WB: A375 cells, K-562 cells

Background Information

ZnT6 (encoded by SLC30A6) is a member of zinc transporters. ZnT6 is localized on the membrane of the Golgi apparatus as well as cytoplasmic vesicles. It may function in transporting the cytoplasmic zinc into the Golgi apparatus as well as the vesicular compartment. Altered expression of ZnT6 may correlate to neural diseases including Alzheimer's disease. Several isoforms of ZnT6 exist due to the alternative splicing, with MW around 48-56 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Masayuki Kaneko	25284286	J Neurosci Res	WB
Eisuke Suzuki	32179649	J Biol Chem	WB
Kanninen Katja M KM	23789114	Biol Open	WB

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:

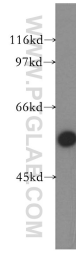
T: 4006900926

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



A375 cells were subjected to SDS PAGE followed by western blot with 13526-1-AP (ZnT6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.