

For Research Use Only

# ZnT6 Polyclonal antibody

Catalog Number: 13526-1-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

13526-1-AP

### Size:

150ul, Concentration: 400 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4403

### GenBank Accession Number:

BC032525

### GeneID (NCBI):

55676

### 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:

chicken, human, mouse, Yellow catfish

### 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, IHC, IF
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

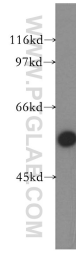
For technical support and original validation data for this product please contact:

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## 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.