

For Research Use Only

# ZnT3 Monoclonal antibody, PBS Only

Catalog Number: 67262-1-PBS



## Basic Information

<b>Catalog Number:</b> 67262-1-PBS	<b>GenBank Accession Number:</b> BC028358	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7781	<b>CloneNo.:</b> 1B9B1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q99726	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> solute carrier family 30 (zinc transporter), member 3	
<b>Immunogen Catalog Number:</b> AG10735	<b>Calculated MW:</b> 388 aa, 42 kDa	
	<b>Observed MW:</b> 38-40 kDa	

## 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

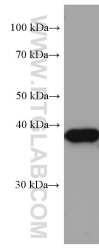
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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



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.