



ZNT6 mouse mAb

Catalog No	BYmab-11651
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	SLC30A6 ZNT6
Protein Name	ZNT6
Immunogen	Synthesized peptide derived from human ZNT6 AA range: 58-108
Specificity	This antibody detects endogenous levels of ZNT6 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein. Found in vesicles. .
Tissue Specificity	Expressed in brain; especially in cerebellum, hippocampus, parahippocampal gyrus, superior and middle temporal gyrus. Also expressed in B-cells, colon, eye, and lung. Lower expression was present in bone, brain, cervix, ear, heart, kidney, muscle, nerve, pancreas, prostate, skin, stomach, and testis.
Function	function:Zinc-efflux transporter which allocates the cytoplasmic zinc to the trans-Golgi network (TGN) as well as the vesicular compartment.,miscellaneous:Seems to have lost most of the histidine residues in the loop between the fourth and fifth transmembrane regions and appears to exert transport function by forming complexes with znt5.,similarity:Belongs to the cation diffusion facilitator (CDF) transporter (TC 2.A.4) family. SLC30A subfamily.,subcellular location:Found in vesicles.,subunit:Heterooligomer. Interacts with ZNT5.,tissue specificity:Expressed in brain; especially in cerebellum, hippocampus, parahippocampal gyrus, superior and middle temporal

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Background

This gene encodes a member of a family of proteins that function as zinc transporters. This protein can regulate subcellular levels of zinc in the Golgi and vesicles. Expression of this gene is altered in the Alzheimer's disease brain plaques. [provided by RefSeq, Aug 2016],

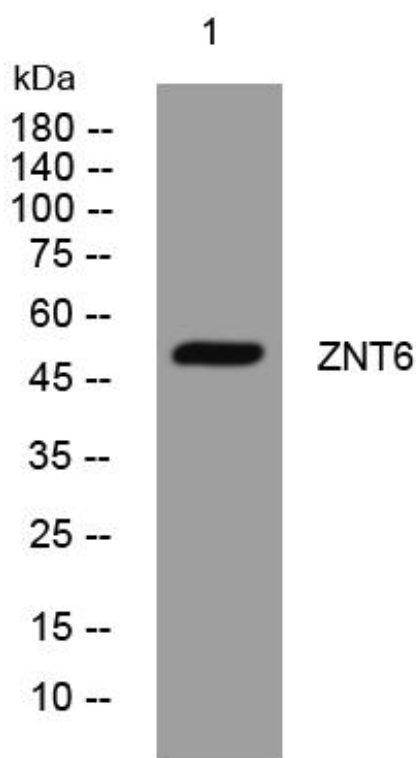
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ZNT6 mouse mAb