

Rabbit ZnT3 Polyclonal Antibody | anti-ZnT3 antibody

ZnT3 Antibody

CATALOG # AAA323168	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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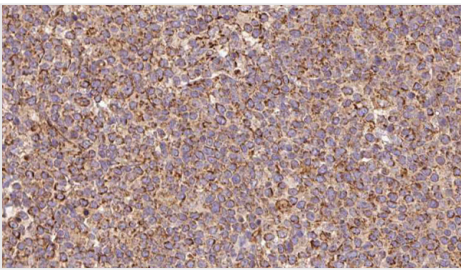
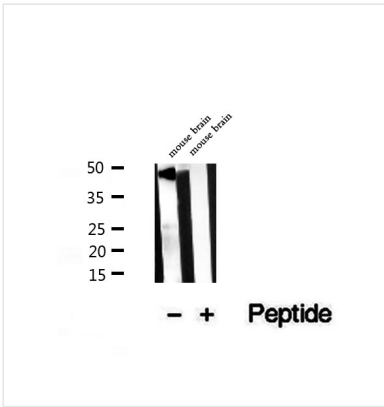
PRODUCT SYNONYMS

ZnT3; Polyclonal Antibody; ZnT3 Antibody; OTTHUMP00000201041; SLC30A3; Solute carrier family 30 (zinc transporter); member 3; Solute carrier family 30 member 3; Zinc transporter 3; Zinc transporter ZnT 3; ZnT-3; ZNT3; ZNT3_HUMAN; anti-ZnT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ZnT3 antibody detects endogenous levels of ZnT3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	383
Applicable Applications for anti-ZnT3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ZnT3.
Subcellular Location	Cytoplasmic Vesicle > Secretory Vesicle > Synaptic Vesicle Membrane.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit
Similarity	Pig (83%), Bovine (83%), Sheep (83%), Rabbit (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323168 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of mouse brain tissue, using ZnT3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ZnT3 antibody	Function: Involved in accumulation of zinc in synaptic vesicles. Similarity: Belongs to the cation diffusion facilitator (CDF) transporter (TC 2.A.4) family. SLC30A subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	974576764
NCBI GeneID	7781
NCBI Accession #	NP_001305878.1
NCBI GenBank Nucleotide #	NM_001318949.1
UniProt Accession #	Q99726; Q8TC03
Molecular Weight	Observed: 42 kDa; 48 kDa Predicted: 42 kDa
NCBI Official Full Name	zinc transporter 3 isoform b
NCBI Official Synonym Full Names	solute carrier family 30 member 3
NCBI Official Symbol	SLC30A3
NCBI Official Synonym Symbols	ZNT3
NCBI Protein Information	zinc transporter 3
UniProt Protein Name	Zinc transporter 3
UniProt Gene Name	SLC30A3
UniProt Synonym Gene Names	ZNT3; ZnT-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.