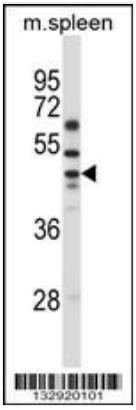
SLC30A6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLC30A6, Polyclonal Antibody
Full Product Name	SLC30A6, ID (SLC30A6, ZNT6, Zinc transporter 6, Solute carrier family 30 member 6) (PE)
Product Gene Name	anti-SLC30A6 antibody
Product Synonym Names	SLC30A6; ZNT6; Zinc transporter 6; Solute carrier family 30 member 6
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	48,557 Da
OMIM	AK055663 mRNA
3D Structure	ModBase 3D Structure for Q6NXT4
Immunogen	SLC30A6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-310 amino acids from the Central region of human SLC30A6.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-SLC30A6 antibody	Antibodies; Transport Proteins
Applications Tested/Suitable for anti-SLC30A6 antibody	Western Blot (WB), FLISA
Application Notes for anti-SLC30A6 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-SLC30A6 antibody	Zinc functions as a cofactor for numerous enzymes, nuclear factors, and hormones and as an intra-and intercellular signal ion. Members of the zinc transporter (ZNT)/SLC30 subfamily of the cation diffusion facilitator family, such as SLC30A6, permit cellular efflux of zinc (Seve et al., 2004 [PubMed 15154973]).
Product References and Citations for anti-SLC30A6 antibody	Lyubartseva, G., et al. Brain Pathol. 20(2):343-350(2010). Fukunaka, A., et al. J. Biol. Chem. 284(45):30798-30806(2009). Olsen, J.V., et al. Cell 127(3):635-648(2006). Seve, M., et al. BMC Genomics 5 (1), 32 (2004): Huang, L., et al. J. Biol. Chem. 277(29):26389-26395(2002).
Other Notes	Small volumes of anti-SLC30A6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for SLC30A6 purchase	MBS6348373 is an antibody targeting SLC30A6. Also known as SLC30A6, ID (SLC30A6, ZNT6, Zinc transporter 6, Solute carrier family 30 member 6) (PE). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-SLC30A6 antibody
SLC30A6 Antibody (Center) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the SLC30A6 antibody detected the SLC30A6 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC30A6. It may not necessarily be applicable to this product.

NCBI GI #	301898419
NCBI GeneID	55676
NCBI Accession #	NP_001180442.1
NCBI Related Accession #	NP_001180443.1; NP_060434.2
UniProt Primary Accession #	Q6NXT4
UniProt Secondary Accession #	Q8N5C9; Q96NC3; A5YM45; B7Z901
UniProt Related Accession #	Q6NXT4
GenBank Nucleotide #	NM_001193513.2
NCBI Official Full Name	zinc transporter 6 isoform 1
NCBI Official Synonym Full Names	solute carrier family 30 member 6
NCBI Official Symbol	SLC30A6
NCBI Official Synonym Symbols	ZNT6; MST103; MSTP103
UniProt Protein Name	Zinc transporter 6
UniProt Synonym Protein Names	Solute carrier family 30 member 6
Protein Family	Zinc transporter
UniProt Gene Name	SLC30A6
UniProt Synonym Gene Names	ZNT6; ZnT-6
NCBI Protein Information	zinc transporter 6
NCBI Summary for SLC30A6	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]
UniProt Comments for SLC30A6	Zinc-efflux transporter which allocates the cytoplasmic zinc to the trans-Golgi network (TGN) as well as the vesicular compartment.

Research Articles on SLC30A6	**1.** There was a significant increase in protein levels of ZnT6 in the prefrontal cortex in Major depression disorder, relative to control subjects.
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