Datasheet for ABIN967277

anti-SLC30A6 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	SLC30A6
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC30A6 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to very C-terminal residues of mouse Znt6 (Zinc transporter 6) protein

Target Details

Target:	SLC30A6
Alternative Name:	Znt6 (SLC30A6 Products)
Background:	Znt6 (Zinc transporter 6) functions Zinc-efflux transporter which allocates the cytoplasmic zinc to the trans-Golgi network (TGN) as well as the vesicular compartment. Znt6 interacts with ZNT5. Znt6 is localized in Golgi apparatus, trans-Golgi network membrane, It is a multi-pass membrane protein and is expressed in brain and liver, and to a lower extent also in lung. Znt6 seems to have lost most of the histidine residues in the loop between the fourth and fifth

Target Details

	transmembrane regions and appears to exert transport function by forming complexes with ZNT5. Znt6 belongs to the cation diffusion facilitator (CDF) transporter (TC 2.A.4) family and SLC30A subfamily. Synonyms: Slc30a6 (Solute carrier family 30 member 6)
Pathways:	Peptide Hormone Metabolism, SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only

Handling

Storage:	4 °C

Publications

Product cited in:	Smith, Xiong, Markesbery, Lovell: "Altered expression of zinc transporters-4 and -6 in mild cognitive impairment, early and late Alzheimer's disease brain." in: **Neuroscience**, Vol. 140, Issue 3, pp. 879-88, (2006) (PubMed). Seve, Chimienti, Devergnas, Favier: "In silico identification and expression of SLC30 family genes: an expressed sequence tag data mining strategy for the characterization of zinc transporters' tissue expression." in: **BMC genomics**, Vol. 5, Issue 1, pp. 32, (2004) (PubMed). Huang, Kirschke, Gitschier: "Functional characterization of a novel mammalian zinc transporter, ZnT6." in: **The Journal of biological chemistry**, Vol. 277, Issue 29, pp. 26389-95, (2002) (PubMed).