



## Rabbit Anti-ZNT6 antibody

SL16414R

<b>Product Name:</b>	ZNT6
<b>Chinese Name:</b>	ZNT6蛋白抗体
<b>Alias:</b>	FLJ31101; MSTP103; SLC30A6; Solute carrier family 30 (zinc transporter), member 4; Solute carrier family 30 (zinc transporter), member 6; Solute carrier family 30 member 6; Zinc transporter 6; Zinc transporter like 3; ZnT-6; ZnT6; ZNT6_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	51kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ZNT6:301-400/461
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]).[supplied by OMIM, Mar 2008]

**Function:**

Zinc-efflux transporter which allocates the cytoplasmic zinc to the trans-Golgi network (TGN) as well as the vesicular compartment.

**Subcellular Location:**

Golgi apparatus > trans-Golgi network membrane. 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.

**Similarity:**

Belongs to the cation diffusion facilitator (CDF) transporter (TC 2.A.4) family. SLC30A subfamily.

**SWISS:**

Q6NXT4

**Gene ID:**

55676

**Database links:**

[Entrez Gene: 55676](#) Human

[Entrez Gene: 210148](#) Mouse

[Omim: 611148](#) Human

[SwissProt: Q6NXT4](#) Human

[SwissProt: Q8BJM5](#) Mouse

[Unigene: 23248](#) Human

[Unigene: 243943](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.