



## Rabbit Anti-SLC39A10 antibody

SL19828R

<b>Product Name:</b>	SLC39A10
<b>Chinese Name:</b>	溶质载体家族蛋白39成员A10抗体
<b>Alias:</b>	2900042E17Rik; 5430433I10; DKFZp781L10106; KIAA1265; LZT-Hs2; MGC126565; MGC138428; mKIAA1265; OTTMUSP00000023810; S39AA_HUMAN; slc39a10; Solute carrier family 39 (metal ion transporter), member 10; Solute carrier family 39 (zinc transporter), member 10; Solute carrier family 39 member 10; Solute carrier family 39 member 10; Zinc transporter ZIP10; ZIP-10; ZIP10; Zrt- and Irt-like protein 10; Zrt- and Irt-like protein 10.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Rabbit,
<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>	91kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SLC39A10:501-600/831
<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 is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription,

growth, development, and differentiation. SLC39A10 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM, Mar 2008]

**Function:**

May act as a zinc-influx transporter.

**Subcellular Location:**

Membrane.

**Similarity:**

Belongs to the ZIP transporter (TC 2.A.5) family.

**SWISS:**

Q9ULF5

**Gene ID:**

57181

**Database links:**

[Entrez Gene: 57181](#) Human

[Entrez Gene: 227059](#) Mouse

[Entrez Gene: 363229](#) Rat

[Omim: 608733](#) Human

[SwissProt: Q9ULF5](#) Human

[SwissProt: Q6P5F6](#) Mouse

[Unigene: 650158](#) Human

[Unigene: 233889](#) Mouse

**Important Note:**

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