



Rabbit Anti-SLC39A2 antibody

SL19830R

Product Name:	SLC39A2
Chinese Name:	溶质载体家族蛋白39成员A2抗体
Alias:	6A1; Eti-1; Eti1; hZIP2; MGC119190; OTTHUMP00000164402; S39A2_HUMAN; SLC39A2; Solute carrier family 39 (zinc transporter) member 2; Solute carrier family 39 member 2; Zinc transporter ZIP2; ZIP 2; ZIP-2; ZIP2; Zrt and Irt like protein 2; Zrt- and Irt-like protein 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	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.
Molecular weight:	33kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLC39A2:31-130/309
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the ZIP family of metal ion transporters. The encoded protein functions as a zinc transporter. Mutations in this gene may be associated with susceptibility to carotid artery disease. Multiple transcript variants have been described. [provided by RefSeq, Mar 2010]

Function:

Mediates zinc uptake. Zinc uptake may be mediated by a Zn(2+)-HCO(3)(-) symport mechanism and can function in the presence of albumin. May also transport other divalent cations. May be important in contact inhibition of normal epithelial cells and loss of its expression may play a role in tumorigenesis.

Subcellular Location:

Cell membrane.

Tissue Specificity:

Expressed only in prostate and uterine epithelial cells.

Similarity:

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

SWISS:

Q9NP94

Gene ID:

29986

Database links:

[Entrez Gene: 29986](#) Human

[Entrez Gene: 214922](#) Mouse

[Entrez Gene: 305846](#) Rat

[Omim: 612166](#) Human

[SwissProt: Q9NP94](#) Human

[SwissProt: Q2HIZ9](#) Mouse

[SwissProt: D3ZIN1](#) Rat

[Unigene: 175783](#) Human

[Unigene: 281343](#) Mouse

[Unigene: 51972](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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