SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-SLC39A11 antibody

SL9635R

Product Name:	SLC39A11
Chinese Name:	溶质载体家族39成员11抗体
Alias:	C17orf26; S39AB_HUMAN; SLC39A11; Solute carrier family 39 (metal ion transporter) member 11; Solute carrier family 39 member 11; Zinc transporter ZIP11; ZIP-11; ZIP11; Zrt and Irt like protein 11; Zrt- and Irt-like protein 11.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=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:	35kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLC39A11:251-342/342
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:	Zinc is an essential cofactor that is involved in cell growth and development, as well as in protein, nucleic acid and lipid metabolism. The transport of zinc across the cell membrane is crucial for correct enzyme and overall cell function. SLC39A11 (solute carrier family 39 (metal ion transporter), member 11), also known as ZIP11 (Zrt- and Irt-like protein 11), is a 342 amino acid multi-pass membrane protein belonging to the

	ZIP transporter family. Expressed as multiple alternatively spliced isoforms, SLC39A11 acts as a zinc-influx transporter and is encoded by a gene located on human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes, some of which are involved in tumor suppression and in the pathogenesis of Li-Fraumeni syndrome, early onset breast cancer and a predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. **Function:** May act as a zinc-influx transporter (By similarity). **Subcellular Location:** Membrane; Multi-pass membrane protein (Potential). **Similarity:** Belongs to the ZIP transporter (TC 2.A.5) family. **SWISS:** Q8N1S5 **Gene ID:** 201266 **Database links:** Entrez Gene: 201266Human Entrez Gene: 69806Mouse Entrez Gene: 287796Rat SwissProt: Q8N1S5Human SwissProt: Q8BWY7Mouse SwissProt: Q6P6S2Rat Unigene: 221127Human Unigene: 341021Mouse Unigene: 205133Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.