



Rabbit Anti-SLC39A7/FITC Conjugated antibody

SL2391R-FITC

Product Name:	Anti-SLC39A7/FITC
Chinese Name:	FITC标记的Transporter家族39成员7抗体
Alias:	D6S115E; D6S2244E; H2 KE4; Histidine rich membrane protein Ke4; Histidine-rich membrane protein Ke4; HKE4; HLA class II region expressed gene KE4; KE4; Ke4 gene mouse, human homolog of; Really interesting new gene 5 protein; RING5; S39A7_HUMAN; SLC39A7; Solute carrier family 39 (zinc transporter), member 7; Solute carrier family 39 member 7; solute carrier family 39 zinc transporter member 7; Zinc transporter SLC39A7; ZIP7.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,Sheep,
Applications:	IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	50kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLC39A7
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.
Product Detail:	background: Zinc is an essential cofactor for more than 50 classes of enzymes and is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, plus the control of gene transcription, growth, development, and differentiation. Zinc cannot passively diffuse across cell membranes and requires specific transporters, such as SLC39A7, to enter the

cytosol from both the extracellular environment and from intracellular storage compartments.

Subcellular Location:

Membrane; Multi-pass membrane protein (Probable).

Tissue Specificity:

Major expression in placenta, lung, kidney and pancreas.

Similarity:

Belongs to the ZIP transporter (TC 2.A.5) family. KE4/Catsup subfamily.

Database links:

UniProtKB/Swiss-Prot: Q92504.2

Important Note:

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

www.sunlongbiotech.com