SunLong Biotech Co.,LTD
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Rabbit Anti-PEPT1 antibody

SL10588R

Product Name	PEPT1
Chinese Name	肠道肽 Transporter1/小肽 Transporter1 抗体
Alias	SLC15A1; Oligopeptide transporter, small intestine isoform; Peptide transporter 1; Intestinal H(+)/peptide cotransporter; Solute carrier family 15 member 1(SLC15A1); +peptide cotransporter; HPECT1; HPEPT1; Human peptide transporter (HPEPT1) mRNA complete cds; Intestinal H; Oligopeptide transporter small intestine isoform; PEPT1; Peptide transporter 1; Solute carrier family 15 (oligopeptide transporter) member 1; S15A1_HUMAN.
Research Area	Signal transduction Channel protein
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse, (predicted: Human, Rat, Dog, Pig, Cow, Sheep,)
Applications	Flow-Cyt=2μg/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	78kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PEPT1: 421-520/708 <Extracellular>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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PEPT1(Oligopeptide transporter, small intestine isoform (Peptide transporter 1) (Intestinal H(+)/peptide cotransporter) (Solute carrier family 15 member 1) Proton-coupled intake of oligopeptides of 2 to 4 amino acids with a preference for dipeptides. May constitute a major route for the absorption of protein digestion end-products. Subcellular Location： membrane; Multi-pass membrane protein. Tissue Specificity Intestine, kidney, liver and low in brain. Belongs to the PTR2/POT transporter (TC 2.A.17) family.

Product Detail

Function:
Proton-coupled intake of oligopeptides of 2 to 4 amino acids with a preference for dipeptides. May constitute a major route for the absorption of protein digestion end-products.

Subcellular Location:
Membrane; Multi-pass membrane protein.

Similarity:
Belongs to the PTR2/POT transporter (TC 2.A.17) family.

SWISS:
P46059

Gene ID:
6564

Database links:

Entrez Gene: 6564 Human

Entrez Gene: 56643 Mouse

Entrez Gene: 117261 Rat

Omim: 600544 Human

SwissProt: P46059 Human

SwissProt: Q9JIP7 Mouse

SwissProt: P51574 Rat

Unigene: 436893 Human

Unigene: 155618 Mouse

Unigene: 10500 Rat

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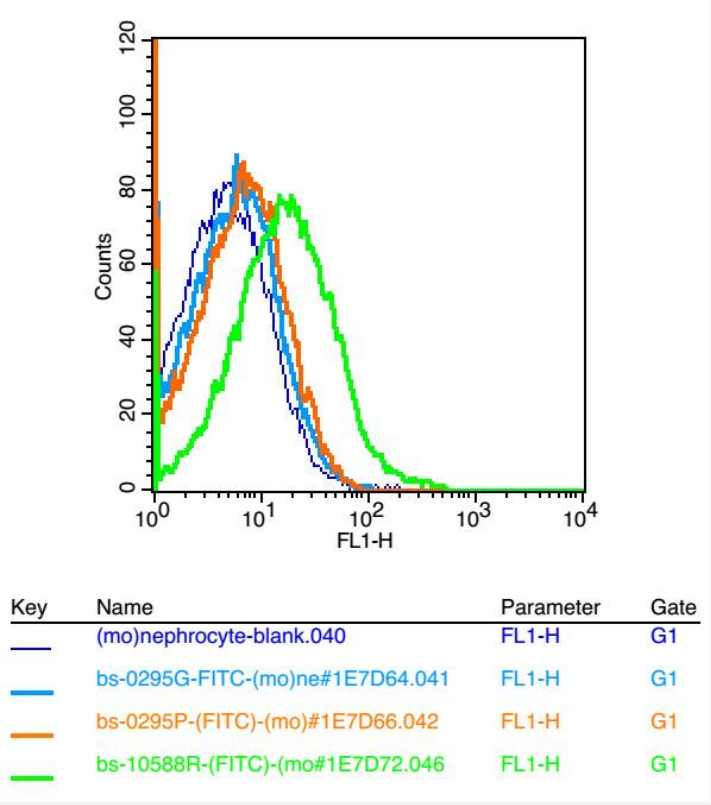
Product Picture



Positive control: (mo)nephrocytes(2% Paraformaldehyde-fixed)

Isotype Control Antibody: Rabbit IgG,Dilution: 1µg in 100 µl 1 X PBS containing 0.5% BSA

Secondary Antibody: Goat anti-rabbit IgG-FITC,Dilution: 1:200 in 1 X PBS containing 0.5% BSA

Primary Antibody: rabbit Anti-PEPT1 (SL10588R); Dilution: 1µg in 100 µl 1X PBS containing 0.5% BSA