

Anti-PEPT1 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Sheep)
Molecular Weight:	Theoretical: 78 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Positive control: (mo) nephrocytes (2% Paraformaldehyde-fixed) Isotype Control Antibody: Rabbit IgG, Dilution: 1 µg 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 (TMAB-10176); Dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA
Application:	FCM
Recommended	FCM: 2µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PEPT1
Antigen Species:	Human
Gene ID:	6564
Uniprot ID:	P46059

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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