

bs-10588R**[Primary Antibody]****PEPT1 Rabbit pAb****BioSS**
ANTIBODIES

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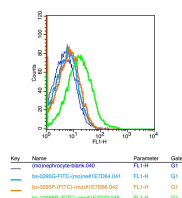
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DATASHEET

Host: Rabbit Clonality: Polyclonal GeneID: 6564 Target: PEPT1 Immunogen: KLH conjugated synthetic peptide derived from human PEPT1: 421-520/708. < Extracellular > Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. 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.	Isotype: IgG SWISS: P46059	Applications: Flow-Cyt (2µg/Test) Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Dog) Predicted MW.: 78 kDa Subcellular Location: Cell membrane
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VALIDATION IMAGES

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 (bs-10588R); Dilution: 1µg in

100 µl 1X PBS containing 0.5% BSA

SELECTED CITATIONS

- **[IF=6.7]** Cui Shuang-Shuang. et al. Mucin1 induced trophoblast dysfunction in gestational diabetes mellitus via Wnt/β-catenin pathway. BIOL RES. 2023 Dec;56(1):1-14 IF ;Human. 37608294
- **[IF=6.312]** Hiromi Kurokawa. et al. The Cytotoxicity of Doxorubicin Can Be Accelerated by a Combination of Hyperthermia and 5-Aminolevulinic Acid. Antioxidants-Basel. 2021 Oct;10(10):1531 WB ;mouse. 34679666