

PEPT1 Polyclonal Antibody

Catalog No: YT3662

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA;IHC

Target: PEPT1

Fields: >>Protein digestion and absorption

Gene Name: SLC15A1

Protein Name: Solute carrier family 15 member 1

Human Gene Id: 6564

Human Swiss Prot

P46059

No:

Mouse Gene Id: 56643

Mouse Swiss Prot

Q9JIP7

No:

Rat Gene Id: 117261

Rat Swiss Prot No: P51574

Immunogen: The antiserum was produced against synthesized peptide derived from human

SLC15A1. AA range:225-274

Specificity: PEPT1 Polyclonal Antibody detects endogenous levels of PEPT1 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000

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Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 73kD

Background: This gene encodes an intestinal hydrogen peptide cotransporter that is a

member of the solute carrier family 15. The encoded protein is localized to the brush border membrane of the intestinal epithelium and mediates the uptake of diand tripeptides from the lumen into the enterocytes. This protein plays an important role in the uptake and digestion of dietary proteins. This protein also facilitates the absorption of numerous peptidomimetic drugs. [provided by

RefSeq, Apr 2010],

Function: 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., similarity: Belongs to the PTR2/POT transporter

(TC 2.A.17) family.,

Subcellular

Location:

 $Membrane \; ; \; Multi-pass \; membrane \; protein \; .$

Expression: Intestine,PCR rescued clones,

Sort: 11825

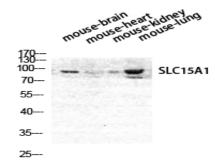
No4: 1

Host: Rabbit

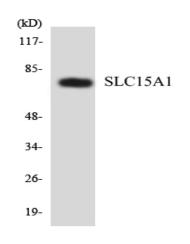
Modifications: Unmodified

Products Images

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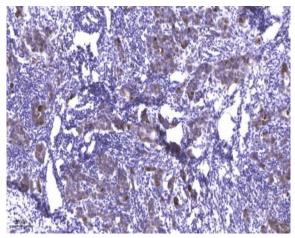


Western Blot analysis of MOUSE-BRAIN MOUSE-HEART MOUSE-LUNG MOUSE-KIDNEY cells using PEPT1 Polyclonal Antibody diluted at 1:1000



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Western blot analysis of the lysates from HeLa cells using SLC15A1 antibody.



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).