
Product Name: PEPT1 Rabbit Polyclonal Antibody**Catalog #: APRab15966**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight	73kDa

Antigen Information

Gene Name	SLC15A1
Alternative Names	SLC15A1; PEPT1; Solute carrier family 15 member 1; Intestinal H(+)/peptide cotransporter; Oligopeptide transporter; small intestine isoform; Peptide transporter 1
Gene ID	6564.0
SwissProt ID	P46059
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC15A1. AA range:225-274

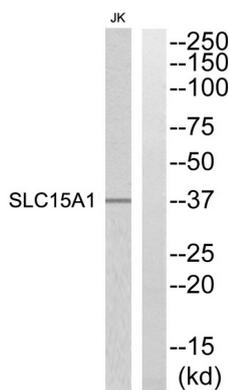
Background

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 di- and 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: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.,

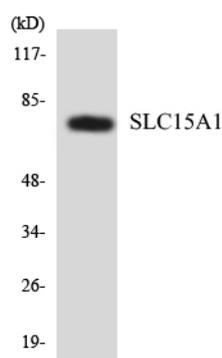
Research Area

Amino Acids; Signal Transduction; Metabolism; Plasma Membrane; ChannelsMetabolism Pathways and Processes Metabolic signaling pathways Amino acid metabolism

Image Data



Western blot analysis of SLC15A1 Antibody. The lane on the right is blocked with the SLC15A1 peptide.



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

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

