

产品名称: PEPT1 Rabbit Polyclonal Antibody
产品货号: AP Rab15966



产品概述 (Summary)

产品名称 (Production Name)	PEPT1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

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

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	73kDa

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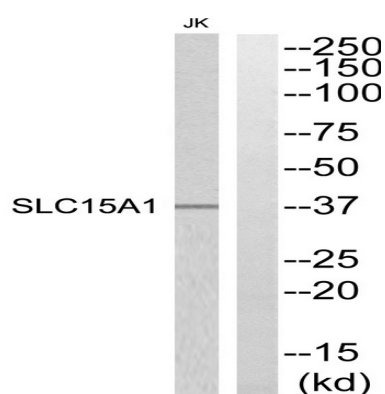
研究背景 (Background)

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.,

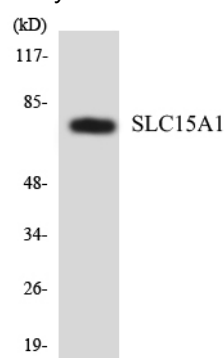
研究领域 (Research Area)

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

图片 (Image Data)

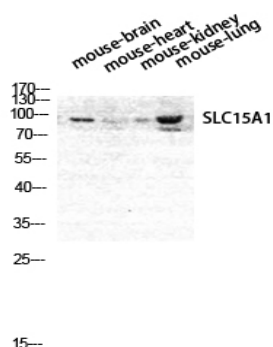


Western blot analysis of SLC15A1 Antibody. The lane on the right is blocked with the SLC15A1 peptide.



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

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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

注意事项 (Note)

For research use only .