

产品名称: SLC6A14 Rabbit Polyclonal Antibody
产品货号: AP Rab17961



产品概述 (Summary)

产品名称 (Production Name)	SLC6A14 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

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)	SLC6A14 SLC6A14; Sodium- and chloride-dependent neutral and basic amino acid transporter B(0+; Amino acid transporter ATB0+; Solute carrier family 6 member 14
别名 (Alternative Names)	
基因 ID (Gene ID)	11254.0
蛋白 ID (SwissProt ID)	Q9UN76.Synthesized peptide derived from the C-terminal region of human SLC6A14.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	72kDa

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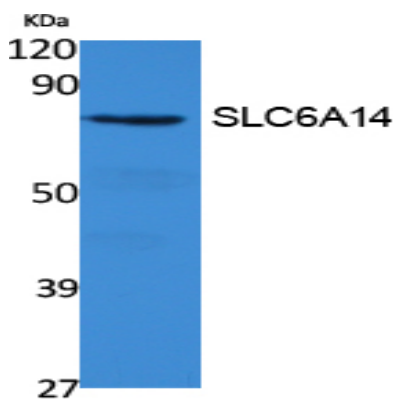
研究背景 (Background)

This gene encodes a member of the solute carrier family 6. Members of this family are sodium and chloride dependent neurotransmitter transporters. The encoded protein transports both neutral and cationic amino acids. This protein may also function as a beta-alanine carrier. Mutations in this gene may be associated with X-linked obesity. A pseudogene of this gene is found on chromosome X.[provided by RefSeq, May 2010],disease:Genetic variations in SLC6A14 may be associated with susceptibility to X-linked obesity (OBX) [MIM:300306]. Obesity has been shown to predispose to disorders such as type 2 diabetes, coronary heart disease, hypertension, osteoarthritis, and certain cancers. Common forms of obesity are most likely caused by multiple genetic and environmental factors, and their interactions.,function:Mediates the uptake of a broad range of neutral and cationic amino acids (with the exception of proline) in a Na(+)/Cl(-)-dependent manner.,miscellaneous:Transport inhibited by BCH (2-aminobicyclo-[2.2.1]-heptane-2-carboxylic acid),,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,tissue specificity:Levels are highest in adult and fetal lung, in trachea and salivary gland. Lower levels detected in mammary gland, stomach and pituitary gland, and very low levels in colon, uterus, prostate and testis.,

研究领域 (Research Area)

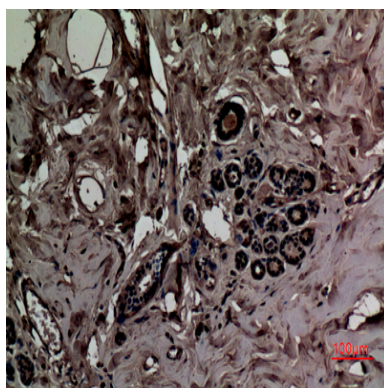
Plasma Membrane; Channels; Signal Transduction; Antibodies; New products Recombinant

图片 (Image Data)



Western Blot analysis of extracts from 293 cells, using SLC6A14 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100

注意事项 (Note)

For research use only .