

产品名称: SNAT2 Rabbit Polyclonal Antibody
产品货号: APRab18051



产品概述 (Summary)

产品名称 (Production Name)	SNAT2 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,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)	SLC38A2 SLC38A2; ATA2; KIAA1382; SAT2; SNAT2; Sodium-coupled neutral amino acid transporter 2; Amino acid transporter A2; Protein 40-9-1; Solute carrier family 38 member 2; System A amino acid transporter 2; System A transporter 1; System N amino a
别名 (Alternative Names)	
基因 ID (Gene ID)	54407.0
蛋白 ID (SwissProt ID)	Q96QD8.The antiserum was produced against synthesized peptide derived from human SLC38A2. AA range:151-200

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
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蛋白分子量 (Molecular Weight) 50kDa

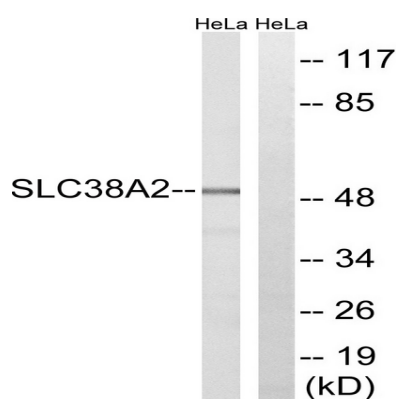
研究背景 (Background)

enzyme regulation: Inhibited by N-methyl-D-glucamine and probably choline., function: Functions as a sodium-dependent amino acid transporter. Mediates the saturable, pH-sensitive and electrogenic cotransport of neutral amino acids and sodium ions with a stoichiometry of 1:1. May function in the transport of amino acids at the blood-brain barrier and in the supply of maternal nutrients to the fetus through the placenta., induction: Up-regulated upon hypertonic conditions and amino acid deprivation., miscellaneous: Depletion of SCL38A2 by siRNA prevents the recovery of cells from hypertonic stress., PTM: Polyubiquitination by NEDD4L regulates the degradation and the activity of SLC38A2., similarity: Belongs to the amino acid/polyamine transporter 2 family., subcellular location: Insulin promotes recruitment to the plasma membrane from a pool localized in the trans-Golgi network or endosomes (By similarity). Enriched in the somatodendritic compartment of neurons, it is also detected at the axonal shaft but excluded from the nerve terminal., tissue specificity: Ubiquitously expressed. Widely expressed in the central nervous system with higher concentrations in caudal regions. Expressed by glutamatergic and GABAergic neurons together with astrocytes and other non-neuronal cells in the cerebral cortex (at protein level), enzyme regulation: Inhibited by N-methyl-D-glucamine and probably choline., function: Functions as a sodium-dependent amino acid transporter. Mediates the saturable, pH-sensitive and electrogenic cotransport of neutral amino acids and sodium ions with a stoichiometry of 1:1. May function in the transport of amino acids at the blood-brain barrier and in the supply of maternal nutrients to the fetus through the placenta., induction: Up-regulated upon hypertonic conditions and amino acid deprivation., miscellaneous: Depletion of SCL38A2 by siRNA prevents the recovery of cells from hypertonic stress., PTM: Polyubiquitination by NEDD4L regulates the degradation and the activity of SLC38A2., similarity: Belongs to the amino acid/polyamine transporter 2 family., subcellular location: Insulin promotes recruitment to the plasma membrane from a pool localized in the trans-Golgi network or endosomes (By similarity). Enriched in the somatodendritic compartment of neurons, it is also detected at the axonal shaft but excluded from the nerve terminal., tissue specificity: Ubiquitously expressed. Widely expressed in the central nervous system with higher concentrations in caudal regions. Expressed by glutamatergic and GABAergic neurons together with astrocytes and other non-neuronal cells in the cerebral cortex (at protein level),

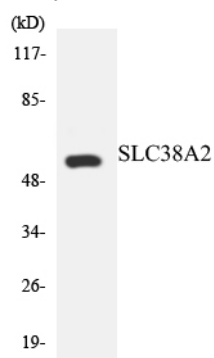
研究领域 (Research Area)

图片 (Image Data)

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Western blot analysis of lysates from HeLa cells, using SLC38A2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using SLC38A2 antibody.

注意事项 (Note)

For research use only .