产品名称：AAA1 Rabbit Polyclonal Antibody
产品货号：APRab06372

产品概述（Summary）

产品名称（Production Name）	AAA1 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,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, 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）	SLC7A10 ASC1
别名（Alternative Names）	
基因 ID（Gene ID）	56301.0
蛋白 ID（SwissProt ID）	Q9NS82.Synthesized peptide derived from human protein . at AA range: 200-280

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量（Molecular Weight）	57kDa

研究背景（Background）

SLC7A10, in association with 4F2HC (SLC3A2; MIM 158070), mediates high-affinity transport of D-serine and several other

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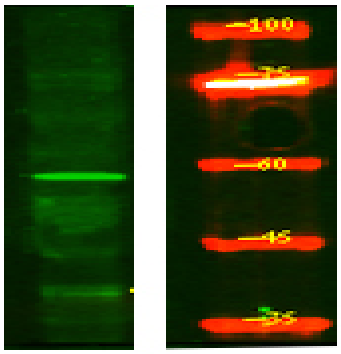
neutral amino acids (Nakauchi et al., 2000 [PubMed 10863037]).[supplied by OMIM, Mar 2008],disease:Defects in SLC7A10 may be involved in cystinuria (CSNU) which arises from impaired transport of cystine and dibasic amino acids through the epithelial cells of the renal tubule and gastrointestinal tract. Three types of cystinuria have been described.,function:Sodium-independent, high affinity transport of small neutral D- and L-amino acids. May play a role in the modulation of glutamatergic transmission through mobilization of D-serine at the glutamatergic synapse.,similarity:Belongs to the amino acid-polyamine-organocation (APC) superfamily.,subunit:Disulfide-linked heterodimer with the amino acid transport protein SLC3A2/4F2hc.,tissue specificity:Expressed in brain, heart, kidney, liver, lung, pancreas, placenta, and skeletal muscle.,

研究领域（Research Area）

图片（Image Data）



Western Blot analysis of HEK293 lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

注意事项（Note）

For research use only .