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SLC7A5 (YD19914) Rabbit mAb

货号: **AYD16660**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	IHC-P
推荐浓度	
理论分子量	55kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse testis
细胞定位	Apical cell membrane, Cell membrane, Lysosome membrane
纯化	亲和纯化

抗原信息

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靶点信息

研究背景	The heterodimer with SLC3A2 functions as sodium-independent, high-affinity transporter that mediates uptake of large neutral amino acids such as phenylalanine, tyrosine, L-DOPA, leucine, histidine, methionine and tryptophan. Functions as an amino acid exchanger. May play a role in the transport of L-DOPA across the blood-brain barrier (By similarity. May act as the major transporter of tyrosine in fibroblasts (Probable. May mediate blood-to-retina L-leucine transport across the inner blood-retinal barrier (By similarity. Can mediate the transport of thyroid hormones triiodothyronine (T3 and thyroxine (T4 across the cell membrane. When associated with LAPT4B, the heterodimer formed by SLC3A2 and SLC7A5 is recruited to lysosomes to promote leucine uptake into these organelles, and thereby mediates mTORC1 activation. Involved in the uptake of toxic methylmercury (MeHg when administered as the L-cysteine or D,L-homocysteine complexes. Involved in the cellular activity of small molecular weight nitrosothiols, via the stereoselective transport of L-nitrosocysteine (L-CNSO across the membrane.
基因ID	8140
基因名	SLC7A5
Swiss	Q01650 (https://www.uniprot.org/uniprotkb/Q01650/entry)
别名	SLC7A5 (YD19914),SLC7A5 (YD19914) Rabbit mAb,SLC7A5,4F2 light chain,CD98 light chain,Integral membrane protein E16,L-type amino acid transporter 1,Solute carrier family 7 member 5,y+ system cationic amino acid transporter,CD98LC,LAT1

产品验证

实验步骤

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