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# SLC5A7 Rabbit pAb

货号: **AYP16053**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	63kDa
实测分子量	66-75KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	C6,SH-SY5Y,U-251MG,SGC-7901,Mouse brain,Rat brain
细胞定位	Membrane,Multi-pass membrane protein
纯化	Affinity purification

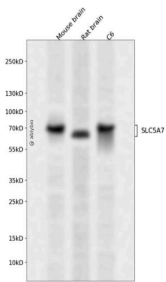
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 503-580 of human SLC5A7 (NP_068587.1).
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## 靶点信息

研究背景	This gene encodes a sodium ion- and chloride ion-dependent high-affinity transporter that mediates choline uptake for acetylcholine synthesis in cholinergic neurons. The protein transports choline from the extracellular space into presynaptic terminals for synthesis into acetylcholine. Increased choline uptake results from increased density of this protein in synaptosomal plasma membranes in response to depolarization of cholinergic terminals. Dysfunction of cholinergic signaling has been implicated in various disorders including depression, attention-deficit disorder, and schizophrenia. An allelic variant of this gene is associated with autosomal dominant distal hereditary motor neuronopathy type VIIA. Alternative splicing results in multiple transcript variants.
基因ID	60482
基因名	SLC5A7
Swiss	Q9GZV3 ( <a href="https://www.uniprot.org/uniprotkb/Q9GZV3/entry">https://www.uniprot.org/uniprotkb/Q9GZV3/entry</a> )
别名	SLC5A7,CHT,CHT1,CMS20,HMN7A,SLC5A7 Rabbit pAb,Hemicholinium-3-sensitive choline transporter,Solute carrier family 5 member 7

## 产品验证



Western blot analysis of SLC5A7 expressed in Mouse brain,Rat brain,C6 using SLC5A7 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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