

# PMCA1 Rabbit mAb

货号: **AYM29580**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	
实测分子量	130-250kDa
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 brain
细胞定位	apical plasma membrane,basolateral plasma membrane,cytoplasmic side of plasma membrane,extracellular exosome,GABA-ergic synapse,glutamatergic synapse,immunological synapse,nucleoplasm,photoreceptor ribbon synapse,plasma membrane,presynaptic active zone membrane,presynaptic membrane,synaptic vesicle membrane
纯化	Affinity purification

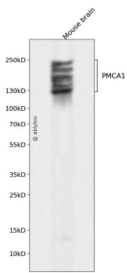
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human PMCA1.
序列	QESYGDVYGICTKLKTS PNEGLSGNPADLERREAVFGKNFIPPKPKTFLQLVWEALQDVTLLIILEIAAIVSLGLSFYQPPEGDNALCGEVS VGE E E G E G E

## 靶点信息

研究背景	The protein encoded by this gene belongs to the family of P-type primary ion transport ATPases characterized by the formation of an aspartyl phosphate intermediate during the reaction cycle. These enzymes remove bivalent calcium ions from eukaryotic cells against very large concentration gradients and play a critical role in intracellular calcium homeostasis. The mammalian plasma membrane calcium ATPase isoforms are encoded by at least four separate genes and the diversity of these enzymes is further increased by alternative splicing of transcripts. The expression of different isoforms and splice variants is regulated in a developmental, tissue- and cell type-specific manner, suggesting that these pumps are functionally adapted to the physiological needs of particular cells and tissues. This gene encodes the plasma membrane calcium ATPase isoform 1. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
基因ID	490
基因名	ATP2B1
Swiss	P20020
别名	PMCA1; PMCA1kb

## 产品验证



Western blot analysis of PMCA1 expressed in Mouse brain using PMCA1 Rabbit mAb 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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