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# beta 1 Sodium Potassium ATPase (YD14063) Rabbit mAb

货号: AYD11972

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P
推荐浓度	
理论分子量	35kDa
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	HepG2,A-549,U-251MG
细胞定位	Cell membrane, Apical cell membrane, sarcolemma
纯化	亲和纯化

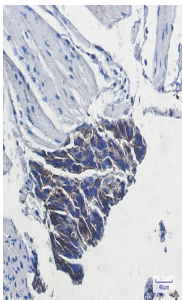
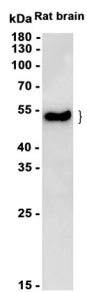
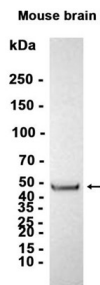
## 抗原信息

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## 靶点信息

研究背景	The protein encoded by this gene belongs to the family of Na <sup>+</sup> /K <sup>+</sup> and H <sup>+</sup> /K <sup>+</sup> ATPases beta chain proteins, and to the subfamily of Na <sup>+</sup> /K <sup>+</sup> -ATPases. Na <sup>+</sup> /K <sup>+</sup> -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane. The glycoprotein subunit of Na <sup>+</sup> /K <sup>+</sup> -ATPase is encoded by multiple genes. This gene encodes a beta 1 subunit. Alternatively spliced transcript variants encoding different isoforms have been described, but their biological validity is not known.
基因ID	481
基因名	ATP1B1
Swiss	P05026 ( <a href="https://www.uniprot.org/uniprotkb/P05026/entry">https://www.uniprot.org/uniprotkb/P05026/entry</a> )
别名	beta 1 Sodium Potassium ATPase (YD14063),beta 1 Sodium Potassium ATPase (YD14063) Rabbit mAb,ATP1B1,Sodium/potassium-dependent ATPase subunit beta-1,ATP1B

## 产品验证



### 实验步骤

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