ATP1A2 Rabbit mAb

货号: B29149

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	102kDa
实测分子量	102kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart,Mouse skeletal muscle,Rat heart
细胞定位	Cell membrane,Membrane,Multi-pass membrane protein
纯化	Affinity purification

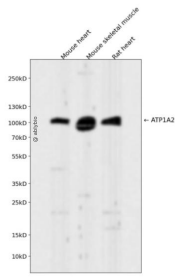
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ATP1A2.
序列	MGRGAGREYSPAATTAENGGGKKKQKEKELDELKKEVAMDDHKLSLDELGRKYQVDLSKGLTNQRAQDVLARDGPNALTPPPTTPEWVKFCRQLFGGFSI

靶点信息

研究背景	The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the sub family of Na+/K+ -ATPases. Na+/K+ -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gra dients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorgani c 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 catalytic subunit of Na+/K + -ATPase is encoded by multiple genes. This gene encodes an alpha 2 subunit. Mutations in this gene re sult in familial basilar or hemiplegic migraines, and in a rare syndrome known as alternating hemiplegia o f childhood.
基因**ID**	477
基因名	ATP1A2
Swiss	P50993
别名	ATP1A2; FHM2; MHP2; ATPase Na+/K+ transporting subunit alpha 2

产品验证



Western blot analysis of ATP1A2 expressed in Mouse heart,Mouse skeletal muscle,Rat heart using ATP1A 2 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/protei ns: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure t ime: 120s.

实验步骤

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