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ATP1B3 Rabbit mAb

货号: AYM29075

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	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	37kDa
实测分子量	37kDa
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	293T,U-87MG,Mouse lung,Mouse testis,Mouse brain,Rat lung,Rat testis,Rat spleen
细胞定位	apical plasma membrane,basolateral plasma membrane,extracellular exosome,melanosome,plasma membrane,sperm flagellum
纯化	Affinity purification

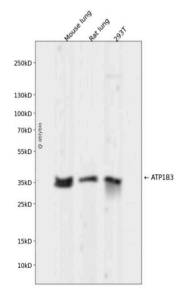
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ATP1B3.

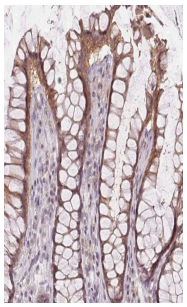
靶点信息

研究背景	The protein encoded by this gene belongs to the family of Na+/K+ and H+/K+ ATPases beta chain proteins, and to the subfamily 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 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+/K+ -ATPase is encoded by multiple genes. This gene encodes a beta 3 subunit. This gene encodes a beta 3 subunit. A pseudogene exists for this gene, and it is located on chromosome 2. [provided by RefSeq, Jul 2008]
基因ID	483
基因名	ATP1B3
Swiss	P54709 (https://www.uniprot.org/uniprotkb/P54709/entry)
别名	ATP1B3,ATP1B3 Rabbit mAb,Sodium/potassium-dependent ATPase subunit beta-3

产品验证



Western blot analysis of ATP1B3 expressed in Mouse lung,Rat lung,293T using ATP1B3 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.



Human rectum was stained with anti-ATPB rabbit antibody，1：100

实验步骤

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