

钠钾 ATP 酶通道蛋白抗体

产品货号： mlR23413

英文名称： ATPase Na+/ K+ beta 2

中文名称： 钠钾 ATP 酶通道蛋白抗体

别名： adhesion molecule on glia; Na+K+ATPase; AMOG; AT1B2; AT1B2_HUMAN; ATP1B2; ATPase Na+/K+ transporting beta 2 polypeptide; ATPB2; ATPB2S; MGC93648; Na+/K+ -ATPase beta 2 subunit; Na, K ATPase beta 2 polypeptide; RATATPB2S; sodium potassium ATPase subunit beta 2 (non-catalytic); sodium pump subunit beta 2; sodium/potassium dependent ATPase beta 2 subunit; Sodium/potassium dependent ATPase subunit beta 2; sodium/potassium transporting ATPase beta 2 chain; sodium/potassium transporting ATPase subunit beta 2; Sodium/potassium-dependent ATPase subunit beta-2; Sodium/potassium-transporting ATPase subunit beta-2.

研究领域： 通道蛋白 糖蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 33kDa

细胞定位： 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human ATPase Na⁺/ K⁺ beta 2 :101-200/290
<Extracellular>

亚 型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : 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 2 subunit. [provided by RefSeq, Jul 2008]

Function:

This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The exact function of the beta-2 subunit is not known.

Subunit:

Composed of three subunits: alpha (catalytic), beta and gamma.

Subcellular Location:

Membrane; Single-pass type II membrane protein.

Similarity:

Belongs to the X(+)/potassium ATPases subunit beta family.

SWISS:

P14415

Gene ID:

482

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

通道蛋白（Channel Protein） 钠钾 ATP 酶是位于细胞膜上的一种糖蛋白,与 ATP 的分解和细胞内外钠、钾离子的转运密切相关,哺乳动物各种组织细胞的钠钾 ATP 酶的免疫学特性基本相同。

产品图片

