

钾离子通道 KCNJ18 抗体

产品货号： mIR16892

英文名称： KCNJ18

中文名称： 钾离子通道 KCNJ18 抗体

别名： Inward rectifier K(+) channel Kir2.6; Inward rectifier potassium channel 18; KIR2.6; Potassium inwardly rectifying channel subfamily J member 18; Thyrotoxic periodic paralysis susceptibility ion channel; TTPP2.

研究领域： 细胞生物 通道蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Rat, Dog, Pig,

产品应用： ELISA=1:500-1000 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：49kDa

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 KCNJ18:81-180/433 <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 background:

Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium.

Function:

Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium.

Subcellular Location:

Cell Membrane

Tissue Specificity:

Specifically expressed in skeletal muscle.

Similarity:

Belongs to the inward rectifier-type potassium channel (TC 1.A.2.1) family. KCNJ12 subfamily.

SWISS:

B7U540



Gene ID:

100134444

Important Note:

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