

钾离子通道蛋白 5 抗体

产品货号： mIR16904

英文名称： KCNK5

中文名称： 钾离子通道蛋白 5 抗体

别名： Acid sensitive potassium channel protein TASK 2; Acid-sensitive potassium channel protein TASK-2; FLJ11035; K2p5.1; KCNK 5; KCNK5; KCNK5_HUMAN; Potassium channel subfamily K member 1; Potassium channel subfamily K member 5; TASK 2; TASK2; TWIK related acid sensitive K(+) channel 2; TWIK related acid sensitive K+ channel 2; TWIK-related acid-sensitive K(+) channel 2.

研究领域： 肿瘤 细胞生物 神经生物学 通道蛋白 细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Cow, Horse, Sheep,

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： 56kDa

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 KCNK5:101-200/499

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:

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, suggests it may play an important role in renal potassium transport. [provided by RefSeq, Jul 2008]

Function:

pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations.

Subcellular Location:

Membrane.

Tissue Specificity:

Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules and collecting ducts. Not expressed in proximal tubules or glomeruli.

Similarity:

Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.

SWISS:

O95279

Gene ID:

8645

Important Note:

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