

## 电压门控性钾通道蛋白亚基 kv5.1 抗体

产品货号： mlR12173

英文名称： KCNF1

中文名称： 电压门控性钾通道蛋白亚基 kv5.1 抗体

别名： IK 8; IK8; KCNF 1; KCNF; Kcnf1; KCNF1\_HUMAN; kH 1; kH1; KV5.1; Potassium voltage-gated channel subfamily F member 1; MGC33316; Potassium channel KH1; Potassium channel Kv5.1; Potassium voltage gated channel subfamily F member 1; Potassium voltage-gated channel subfamily F member 1; Voltage gated potassium channel subunit Kv5.1; Voltage-gated potassium channel subunit Kv5.1.

研究领域： 肿瘤 细胞生物 神经生物学 信号转导 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, Dog, Pig, Cow, Horse, Rabbit, Sheep, Guinea Pig,

产品应用： WB=1:500-2000 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 KCNF1:161-260/494 <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 :** KCNF1 is a multi-pass membrane-bound protein that acts as an ion channel and is generally expressed as a heterotetramer of potassium channeling proteins. Formerly known as kH1, KCNF1 is usually found as a heteromer with three other potassium channel proteins, KCNG3, KV6.3 and KCNV2. As a potassium channel protein, KCNF1 plays a role in regulating apoptosis and proliferation of pulmonary artery smooth muscle (PASM) cells. Bone morphogenetic proteins (BMPs) restrict proliferation and can induce apoptosis in normal human PASM cells and will upregulate expression of KCNF1 in PASM cells in vitro. KCNF1 is expressed in heart, brain, liver, skeletal muscle, kidney and pancreas.

**Function:**

Putative voltage-gated potassium channel.

**Subunit:**

Heteromultimer with KCNG3, KCNG4 and KCNV2. Interacts with DLG1.

**Subcellular Location:**

Membrane.

**Tissue Specificity:**

Detected in heart, brain, liver, skeletal muscle, kidney and pancreas.

**Similarity:**

Belongs to the potassium channel family.

F (TC 1.A.1.2) subfamily. Kv5.1/KCNF1 sub-subfamily.

**SWISS:**

Q9H3M0

**Gene ID:**

3754

**Important Note:**

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

产品图片

