电压门控性钾通道蛋白亚基 kv6.1 抗体

产品货号： mlR12174

英文名称： KCNG1

中文名称： 电压门控性钾通道蛋白亚基 kv6.1 抗体

别　　名： K13; KCNG; kH2; KV6.1; Potassium voltage gated channel subfamily G; Potassium voltage gated channel subfamily G member 1; Voltage gated potassium channel subunit Kv6.1; KCNG1_HUMAN.

研究领域： 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, Dog, Pig, Cow, Horse, Rabbit, Sheep, Guinea 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： 58kDa

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 KCNG1:401-500/513 <Cytoplasmic>

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 癈 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 癈. 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 癈.

PubMed： PubMed

产品介绍： Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This gene is abundantly expressed in skeletal muscle. Multiple alternatively spliced transcript variants have been found in normal and cancerous tissues. [provided by RefSeq, Jul 2008].

Function:

KCNG1 is a member of the potassium channel, voltage-gated, subfamily G. Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene is abundantly expressed in skeletal muscle. Alternative splicing results in at least two transcript variants encoding distinct isoforms.

Subunit:

Heterotetramer of potassium channel proteins (By similarity).

Subcellular Location:

Membrane; multi-pass membrane protein

Tissue Specificity:

Detected in brain and placenta, and at much lower levels in kidney and pancreas.

Similarity:

Belongs to the potassium channel family. G (TC 1.A.1.2) subfamily. Kv6.1/KCNG1 sub-subfamily.

SWISS:

Q9UIX4

Gene ID:

3755

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

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Good elisakit producers