KCNH7 蛋白抗体

产品货号： mlR16888

英文名称： KCNH7

中文名称： KCNH7 蛋白抗体

别　　名： 9330137I11Rik; eag related protein 3; ERG3; Ether a go go related gene potassium channel 3; HERG3; Kv11.3; Potassium channel subunit HERG 3; Potassium voltage channel subfamily H (eag-related) member 7; RP23-34J8.1. KCNH7_HUMAN

研究领域： 细胞生物　神经生物学　细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

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： 105kDa

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 KCNH7:551-650/1196 <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:

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 H. This member is a pore-forming (alpha) subunit. There are at least two alternatively spliced transcript variants derived from this gene and encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Function:

Pore-forming (alpha) subunit of voltage-gated potassium channel. Channel properties may be modulated by cAMP and subunit assembly.

Subunit:

The potassium channel is probably composed of a homo- or heterotetrameric complex of pore-forming alpha subunits that can associate with modulating beta subunits. Heteromultimer with KCNH2/ERG1 and KCNH6/ERG2 (By similarity).

Subcellular Location:

Membrane; Multi-pass membrane protein

Tissue Specificity:

Expressed in prolactin-secreting adenomas.

Similarity:

Belongs to the potassium channel family. Contains 1 cyclic nucleotide-binding domain. Contains 1 PAC (PAS-associated C-terminal) domain. Contains 1 PAS (PER-ARNT-SIM) domain.

SWISS:

Q9NS40

Gene ID:

90134

Important Note:

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