KCNH5 蛋白抗体

产品货号： mlR16886

英文名称： KCNH5

中文名称： KCNH5 蛋白抗体

别　　名： EAG2; Ether a go go potassium channel 2; H EAG2; HGNC:6254; Kv10.2; potassium voltage gated channel subfamily H (eag-related) member 5; Voltage gated potassium channel subunit Kv10.2.

研究领域： 肿瘤　细胞生物　神经生物学　信号转导　通道蛋白　新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep,

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： 112kDa

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 KCNH5:351-450/988 <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： 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. The KCNH5 gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit of a voltage-gated non-inactivating delayed rectifier potassium channel. KCNH5 is not expressed in differentiating myoblasts.

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 KCNH1/EAG (Probable).

Subcellular Location:

Cell Membrane: multi-pass membrane protein.

Tissue Specificity:

Detected in brain, skeletal muscle, heart,placenta, lung and liver, and at low levels in kidney.

Similarity:

Belongs to the potassium channel family. Contains 1 cyclic nucleotide-binding domain.

Contains 1 PAS (PER-ARNT-SIM) domain.

Contains 1 cyclic nucleotide-binding domain.

] Contains 1 PAS (PER-ARNT-SIM) domain.

SWISS:

Q8NCM2

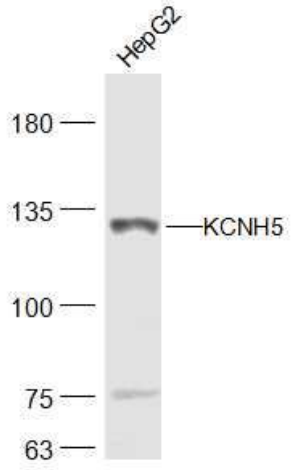
Gene ID:

27133

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


HepG2
180
135
100
75
63
KCNH5