# KCNH3 蛋白抗体

**产品货号：** mlR16884

**英文名称：** KCNH3

**中文名称：** KCNH3 蛋白抗体

**别　　名：** BEC1; Brain-specific eag-like channel 1; ELK channel 2; ELK2; Ether-a-go-go-like potassium channel 2; Kv12.2; Melk2; Potassium voltage-gated channel, subfamily H (eag-related), member 3; Voltage-gated potassium channel subunit Kv12.2.

**研究领域：** 细胞生物　神经生物学　信号转导　通道蛋白

**抗体来源：** Rabbit

**克隆类型：** Polyclonal

**交叉反应：** Human, Mouse, Rat, Rabbit,

**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：** 117kDa

**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 KCNH3:331-430/1083 <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. KCNH3 is a pore forming (alpha) subunit of voltage-gated potassium channel. It elicits an outward current with fast inactivation.

**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.

**Subcellular Location:**

Membrane; Multipass membrane protein.

**Tissue Specificity:**

Detected only in brain, in particular in the telencephalon. Detected in the cerebral cortex, occipital pole, frontal and temporal lobe, putamen, amygdala, hippocampus and caudate nucleus.

**Similarity:**

Contains 1 cyclic nucleotide-binding domain.

Contains 1 PAC (PAS-associated C-terminal) domain.

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

**SWISS:**

Q9ULD8

**Gene ID:**

23416

**Important Note:**

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