abcam

Product datasheet

Anti-KCNH5 antibody ab32975

2 References   2 图像

概述

产品名称	Anti-KCNH5抗体
描述	兔多克隆抗体to KCNH5
宿主	Rabbit
经测试应用	**适用于:** ELISA, WB, IHC-P
种属反应性	**与反应:** Human
	预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish ⚠
免疫原	Synthetic peptide within Human KCNH5 aa 156-205 (N terminal). The exact sequence is proprietary.

Sequence:

LTNSRSVLQQLTPMNKTEVVHKHSRLAEVLQLGSDILPQYKQEAPKTPPH

Database link: Q8NCM2

⬚ Run BLAST with   ⬚ Run BLAST with

阳性对照	HepG2 cell lysate and human brain tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our Abpromise guarantee covers the use of **ab32975** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

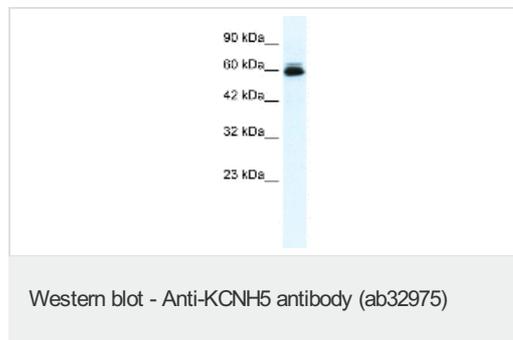| 应用	Ab 评论	说明
ELISA		1/312500.
WB		Use a concentration of 0.5 µg/ml. Detects a band of approximately 60 kDa (predicted molecular weight: 112 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use at an assay dependent concentration.

靶标

相关性

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.

细胞定位

Cell Membrane: multi-pass membrane protein.

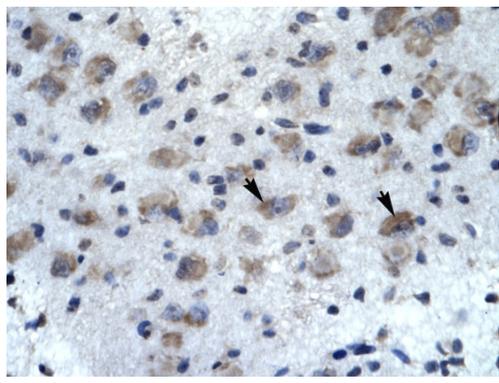## 图片

Western blot - Anti-KCNH5 antibody (ab32975)

Anti-KCNH5 antibody (ab32975) at 0.5 µg/ml

+ HepG2 cell lysate

Secondary

HRP-conjugated anti-rabbit IgG at 1/50000 dilution

Predicted band size: 112 kDa

Observed band size: 60 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human brain tissue labelling KCNH5 at 4-8µg/ml. Neural cells with positive label are indicated by arrows.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KCNH5 antibody (ab32975)

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