

Anti-Kv4.2/KCND2 antibody [EP982Y] ab46797

RabMAb

2 References 2 图像

概述

产品名称	Anti-Kv4.2/KCND2抗体[EP982Y]
描述	兔单克隆抗体[EP982Y] to Kv4.2/KCND2
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: ICC/IF or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human brain lysate. IHC-P: Human cerebrum tissue.
常规说明	Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EP982Y

同种型

IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab46797于以下的经测试应用**

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 80 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

应用说明 Is unsuitable for ICC/IF or IP.

靶标

功能	Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.
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组织特异性	Highly expressed throughout the brain. Expression is very low or absent in other tissues.
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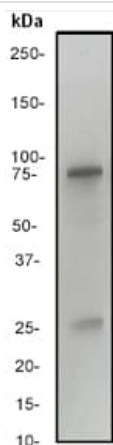
序列相似性	Belongs to the potassium channel family. D (Shal) (TC 1.A.1.2) subfamily. Kv4.2/KCND2 sub-subfamily.
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结构域 The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.

翻译后修饰 Phosphorylated on serine and threonine residues.

细胞定位	Cell membrane. Cell projection > dendrite. Detected in dendrites in cultured hippocampal neurons. Association with KCNIP2 probably enhances cell surface expression.
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图片



Western blot - Anti-Kv4.2/KCND2 antibody
[EP982Y] (ab46797)

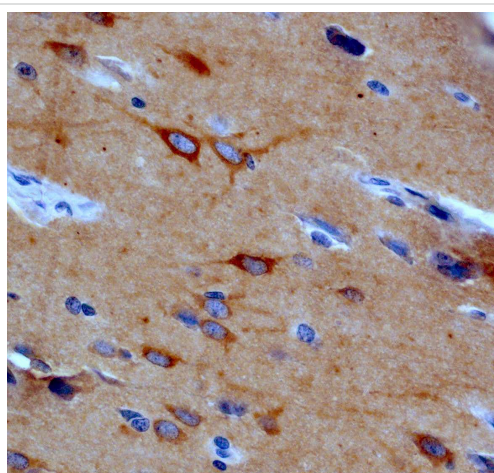
Anti-Kv4.2/KCND2 antibody [EP982Y] (ab46797) at 1/1000 dilution
+ Human brain lysate at 10 µg

Secondary

Goat anti-rabbit HRP at 1/2000 dilution

Observed band size: 80 kDa

Additional bands at: 25 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Kv4.2/KCND2 antibody
[EP982Y] (ab46797)

Immunohistochemical analysis of paraffin-embedded human cerebrum tissue sections labeling Kv4.2/KCND2 with purified ab46797 at 1/100 dilution. ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Sections were counterstained with Hematoxylin. Antigen retrieval was heat mediated antigen retrieval using citrate buffer, pH 6.0).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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