abcam

Product datasheet

Anti-Cannabinoid Receptor I antibody ab23703

22 Abreviews 102 References 2 图像

概述

产品名称	Anti-Cannabinoid Receptor I抗体
描述	兔多克隆抗体to Cannabinoid Receptor I
宿主	Rabbit
经测试应用	**适用于:** IHC-P, ICC/IF, IHC-Fr
种属反应性	**与反应:** Mouse, Rat, Dog, Human **预测可用于:** Cow, Chimpanzee, Macaque monkey
免疫原	Synthetic peptide: MSVSTDTSAE AL , corresponding to C terminal amino acids 461-472 of Human Cannabinoid Receptor I(Peptide available as **ab50542**.) Run BLAST with Run BLAST with
常规说明	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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 50% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab23703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
IHC-P	★★★★☆ (7)	Use at an assay dependent concentration.
ICC/IF	★★★★☆ (4)	Use at an assay dependent concentration.
IHC-Fr	★★★★★ (2)	Use at an assay dependent concentration. Detection with an ABC system is recommended.

靶标

功能 Involved in cannabinoid-induced CNS effects. Acts by inhibiting adenylate cyclase. Could be a receptor for anandamide. Inhibits L-type Ca(2+) channel current. Isoform 2 and isoform 3 have altered ligand binding.

组织特异性 Widely expressed.

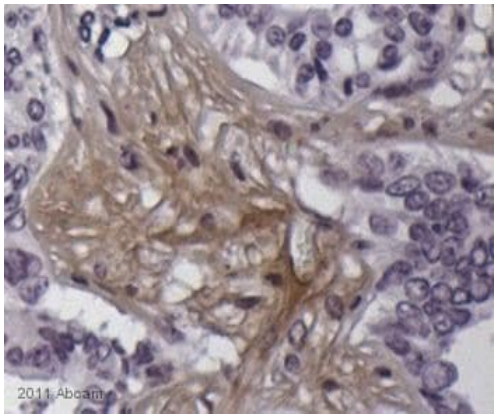
序列相似性 Belongs to the G-protein coupled receptor 1 family.

细胞定位 Cell membrane.

图片

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cannabinoid Receptor I antibody (ab23703)

Immunoperoxidase staining of CA region of rat hippocampus with the Cannabinoid Receptor I antibody (ab23703, 4ug/ml). the majority of the protein is localized in the pre-synaptic axons, shown as brown particulaes. A few neurons also show cytoplasm staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cannabinoid Receptor I antibody (ab23703)

Courtesy of an annonymous Abreview

ab23703 staining Cannabinoid Receptor I in human pancreas tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with paraformaldehyde and blocked with 5% serum for 1 hour at room temperature; antigen retrieval was by heat mediation in a citrate buffer. Samples were incubated with primary antibody (1/50 in PBS) for 8 hours at 4°C. A Biotin-conjugated Goat anti-rabbit IgG polyclonal (1/1000) was used as the secondary antibody.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors