


Product datasheet

Anti-CACNB1 antibody [N7/18] ab85020

★★★★☆ 1 Abreviews 1 References 1 图像

概述

<b>产品名称</b>	Anti-CACNB1抗体[N7/18]
<b>描述</b>	小鼠单克隆抗体[N7/18] to CACNB1
<b>宿主</b>	Mouse
<b>特异性</b>	No cross reactivity against CACNB4.
<b>经测试应用</b>	<b>适用于:</b> WB, ICC/IF, IHC-Fr, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Mouse, Rat, Human <b>预测可用于:</b> Rabbit, Cow 
<b>免疫原</b>	Synthetic peptide: PMEVFDSPQGKYSKR , corresponding to amino acids 19-34 of Rat CACNB1 (NP_059042). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>阳性对照</b>	Rat brain lysate.
<b>常规说明</b>	The clone number has been updated from S7-18 to N7/18, both clone numbers name the same antibody clone.

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>存储溶液</b>	Preservative: 0.09% Sodium Azide Constituents: 50% Glycerol, PBS, pH 7.4
<b>纯度</b>	Protein G purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	N7/18
<b>同种型</b>	IgG2a

应用

Our [Abpromise guarantee](#) covers the use of **ab85020** in the following tested applications.

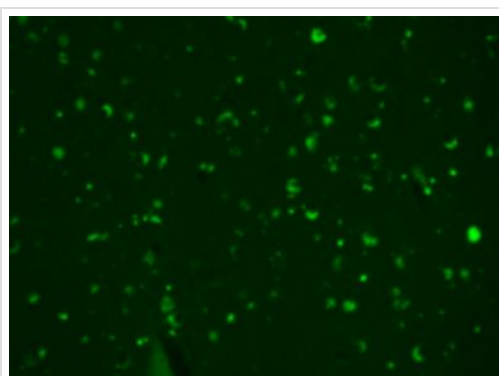
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB	★★★★☆	Use a concentration of 1 - 10 µg/ml. Predicted molecular weight: 66 kDa.
ICC/IF		Use a concentration of 1 - 10 µg/ml.
IHC-Fr		Use a concentration of 0.1 - 1 µg/ml.
IHC-P		Use a concentration of 0.1 - 1 µg/ml.

## 靶标

<b>功能</b>	The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting.
<b>组织特异性</b>	Isoform 1 and isoform 3 are expressed in brain, heart, spleen, central nervous system and neuroblastoma cells. Isoform 2 is expressed in skeletal muscle.
<b>序列相似性</b>	Belongs to the calcium channel beta subunit family. Contains 1 SH3 domain.
<b>细胞定位</b>	Cell membrane > sarcolemma.

## 图片



ab85020 staining CACNB1 in human hippocampus tissue section by IHC-P. Bouin's fixed and paraffin-embedded tissue sections were used.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CACNB1 antibody [N7/18] (ab85020)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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