




Product datasheet

Anti-CACNB1 / CAB1 antibody [N7/18] ab85020

★★★★★ 1 Abreviews 1 References 2 图像

概述

产品名称	Anti-CACNB1 / CAB1抗体[N7/18]
描述	小鼠单克隆抗体[N7/18] to CACNB1 / CAB1
宿主	Mouse
特异性	No cross reactivity against CACNB4.
经测试应用	适用于: WB, ICC/IF, IHC-Fr, IHC-P
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Rabbit, Cow 
免疫原	Synthetic peptide corresponding to Rat CACNB1/ CAB1 aa 19-34. Sequence: PMEVFDSPQGKYSKR Database link: NP_059042  Run BLAST with  Run BLAST with
阳性对照	Rat brain lysate.
常规说明	The clone number has been updated from S7-18 to N7/18, both clone numbers name the same antibody clone. Previously labelled as CACNB1.

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	Preservative: 0.09% Sodium Azide Constituents: 50% Glycerol, PBS, pH 7.4
纯度	Protein G purified
克隆	单克隆
克隆编号	N7/18
同种型	IgG2a

应用

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

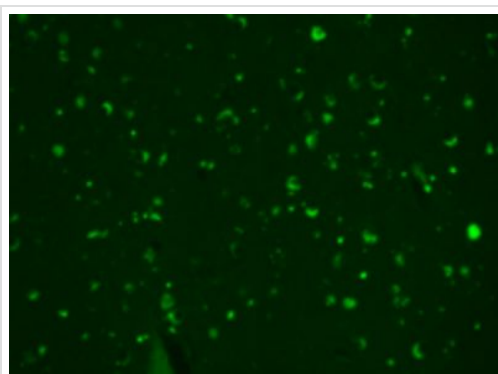
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

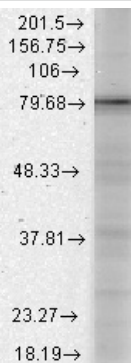
功能	The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting.
组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

图片



ab85020 staining CACNB1 / CAB1 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 / CAB1 antibody [N7/18] (ab85020)



Western blot - Anti-CACNB1 / CAB1 antibody
[N7/18] (ab85020)

Anti-CACNB1 / CAB1 antibody [N7/18] (ab85020) at 1/1000 dilution + Rat brain membrane lysate at 15 µg with 1.5% BSA for 30 minutes at RT

Secondary

Sheep Anti-Mouse IgG: HRP for 1 hour at RT

Predicted band size: 66 kDa

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