

Product datasheet

Anti-Calcium channel L type DHPR alpha 2 subunit antibody ab65266

概述

产品名称	Anti-Calcium channel L type DHPR alpha 2 subunit抗体
描述	兔多克隆抗体to Calcium channel L type DHPR alpha 2 subunit
经测试应用	适用于: WB, ICC
种属反应性	与反应: Human 预测可用于: Mouse, Rat, a wide range of other species
免疫原	Synthetic peptide derived from human Calcium channel L type DHPR alpha 2 subunit protein.

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: None Constituents: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab65266** 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		1/500 - 1/5000. Detects a band of approximately 123 kDa (predicted molecular weight: 123 kDa).
ICC		1/100 - 1/500.

图标

功能	The alpha-2/delta subunit of voltage-dependent calcium channels regulates calcium current density and activation/inactivation kinetics of the calcium channel. Plays an important role in excitation-contraction coupling.
组织特异性	Isoform 1 is expressed in skeletal muscle. Isoform 2 is expressed in the central nervous system. Isoform 2, isoform 4 and isoform 5 are expressed in neuroblastoma cells. Isoform 3, isoform 4 and isoform 5 are expressed in the aorta.
序列相似性	Belongs to the calcium channel subunit alpha-2/delta family. Contains 1 cache domain. Contains 1 VWFA domain.
结构域	The MIDAS-like motif in the VWFA domain binds divalent metal cations and is required to promote trafficking of the alpha-1 (CACNA1) subunit to the plasma membrane by an integrin-like switch.
翻译后修饰	Proteolytically processed into subunits alpha-2-1 and delta-1 that are disulfide-linked.
细胞定位	Membrane.

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