

Product datasheet

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

概述

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| 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 |
| 宿主 | Rabbit |
| 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

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|------|--|
| 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. |

靶标

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| 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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