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商品详情:

英文名称: PCDHGB1

中文名称: **原钙粘蛋白γB1抗体**

别名: PCDH gamma B1; Protocadherin gamma B1; Protocadherin gamma B1 precursor; Protocadherin gamma subfamily B 1; MGC119466; MGC119467; MGC119469; PCDGD_HUMAN.

研究领域: 神经生物学 信号转导 细胞粘附分子 细胞骨架 细胞膜蛋白

抗体来源: Rabbit

克隆类型: Polyclonal

交叉反应: Human,

产品应用: ELISA=1:5000-10000 IHC-P=1:100-500 IHC-F=1:100-500 ICC=1:100-500 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

理论分子量: 97kDa

细胞定位: 细胞膜

性状: Liquid

浓度: 1mg/ml

免疫原: KLH conjugated synthetic peptide derived from human PCDHGB1: 1-100/927 <Extracellular>

亚型: IgG

纯化方法: affinity purified by Protein A

保存条件: Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

注意事项: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

原钙粘蛋白γB1抗体 产品介绍: Protocadherins are a large family of cadherin-like cell adhesion proteins that are involved in the establishment and maintenance of neuronal connections in the brain. There are three protocadherin gene clusters designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. The protocadherin gamma cluster consists of three subfamilies (A, B and C). As a member of the gamma subfamily B, PCDHGB1 (Protocadherin gamma B1) is a 927 amino acid protein that is one of 22 proteins encoded by the protocadherin gamma cluster. Typical of gamma protocadherins, PCDHGB1 contains six cadherin motifs and is a type I transmembrane receptor expressed in the central nervous system. With localization to synapses, members of the gamma cluster of protocadherins are essential for neuronal survival. There are two isoforms of PCDHGB1 that are produced as a result of alternative splicing events.

Function:

Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.

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