

## 钙粘蛋白相关神经受体 8 抗体

产品货号： mlR11123

英文名称： PCDHA10/CNRN8

中文名称： 钙粘蛋白相关神经受体 8 抗体

别 名： Cadherin related neuronal receptor 8; CNR 8; Cnr3; CNR8; CNRN 8; CNRN-8; CNRS 8; CNRS8; CRNR 8; Crnr3; CRNR8; Ortholog to mouse CNR8; PCDH alpha10; PCDHA 10; Pcdha14; PCDHALPHA10; Protocadherin alpha 10; rCNRv10; PCDA\_A\_HUMAN.

研究领域： 神经生物学 信号转导 细胞粘附分子 细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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.

分 子 量： 100kDa

细胞定位： 细胞膜 分泌型蛋白

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PCDHA10/CNRN8:301-400/948

<Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PubMed :** PubMed

**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. These genes generate thousands of different protocadherin proteins through alternative promoter usage and cis-alternative splicing. PCDHA and PCDHG family members form oligomers, which also increases the diversity of PCDH proteins at the cell surface. All three gene clusters, PCDHA, PCDHB, and PCDHG show upregulated expression during brain development, and PCDHA is subsequently downregulated by myelination. Expression of all three clusters continues in the olfactory bulb, hippocampus and cerebellum until adulthood. Members of the PCDH family are potential targets in schizophrenia and bipolar disorder pathogenesis. PCDHA10 produces at least three isoforms by alternative splicing.

**Function:**

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

**Subcellular Location:**

Cell membrane; Single-pass type I membrane protein. Isoform 2: Secreted.

**Similarity:**

Contains 6 cadherin domains.

**SWISS:**

Q9Y5I2

**Gene ID:**

56139

**Important Note:**

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

产品图片

