

## 原钙粘附蛋白 18 抗体

产品货号： mlR11112

英文名称： PCDH18

中文名称： 原钙粘附蛋白 18 抗体

别名： PCD18\_HUMAN; PCDH18; PCDH68L; protocadherin 18; protocadherin 68-like protein; Protocadherin-18.

研究领域： 神经生物学 信号转导 细胞粘附分子 细胞外基质 细胞膜蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Sheep,

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： 123kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human PCDH18:381-480/1135 <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. PCDH18 (protocadherin 18), also known as PCDH68L, is a 1,135 amino acid single-pass type I cell membrane protein that contains six cadherin domains and a cytoplasmic tail that differs from classical cadherins. Expressed ubiquitously with highest expression in ovary and lung, PCDH18 interacts with Dab1 and functions as a potential calcium-dependent adhesion protein that may be involved in the establishment of cell-cell connections in the brain. Multiple isoforms of PCDH18 exist due to alternative splicing events.

**Function:**

Potential calcium-dependent cell-adhesion protein.

**Subcellular Location:**

Cell membrane.

**Tissue Specificity:**

Expressed in all tissues, with highest expression in lung and ovary.

**Similarity:**

Contains 6 cadherin domains.

**SWISS:**

Q9HCL0

**Gene ID:**

54510

**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

