

原钙粘附蛋白 8 抗体

产品货号： mlR11114

英文名称： PCDH8

中文名称： 原钙粘附蛋白 8 抗体

别名： Arcadlin; PAPC; PCDH 8; Protocadherin 8; Protocadherin8; PCDH8_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, Pig, Cow, Rabbit, Goose, Sheep, Chimpanzee,

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：110kDa

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 PCDH8:51-150/1070

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. PCDH8 (protocadherin-8), also known as Arcadlin or PAPC, is a 1,070 amino acid single-pass type I membrane protein that contains six cadherin domains and belongs to the protocadherin family. Localized to the cell membrane and expressed specifically in fetal and adult brain, PCDH8 is thought to play a role in cell adhesion events in the central nervous system (CNS). PCDH8 is inactivated or silenced in breast cancer, suggesting a possible role in tumor suppression. Two isoforms of PCDH8 that differ in their cytoplasmic tails are expressed due to alternative splicing events.

Function:

PCDH8 (Protocadherin 8) belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. It is thought to function in cell-adhesion in a calcium-dependent manner. It is predominantly expressed in brain, localizing to synaptic junctions.

Subunit:

The N-terminal extracellular domain forms homophilic interactions; these interactions activate p38 MAPK via TAOK2 and trigger endocytosis (By similarity). Interacts with CDH2; this interaction may lead to CDH2 cointernalization (By similarity). Interacts with CDH11 (By similarity). Interacts with TAOK2 (By similarity).

Subcellular Location:

Cell Membrane. Single-pass type I membrane protein.

Similarity:

Contains 6 cadherin domains.

SWISS:

O95206

Gene ID:

5100

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

