原钙粘附蛋白α8抗体

产品货号： mlR11122

英文名称： PCDHA8

中文名称： 原钙粘附蛋白 α8 抗体

别　　名： KIAA0345 like 6; PCDH ALPHA8; Protocadherin alpha 8; PCDA8_HUMAN; PCDH alpha 8; PCDH-alpha-8; Protocadherin alpha 8; Protocadherin alpha-8.

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, Mouse, Rat, Dog, Pig, Cow, Horse, 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： 100kDa

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 PCDHA8:451-550/950 <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. PCDHA8 (protocadherin alpha 8) is a 950 amino acid single-pass type I membrane protein that contains six cadherin domains and is encoded by a gene which is located within the protocadherin alpha gene cluster on human chromosome 5. Existing as multiple alternatively spliced isoforms, PCDHA8 functions as a potential calcium-dependent cell adhesion protein that may be involved in the establishment and maintenance of neuronal connections within the brain.

Function:

PCDHA8 is most likely to play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined. Two different isoforms are known.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein

Similarity:

Contains 6 cadherin domains.

SWISS:

Q9Y5H6

Gene ID:

56140

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