

细胞粘附分子 3 抗体

产品货号： mlR6027

英文名称： CADM3

中文名称： 细胞粘附分子 3 抗体

别名： Brain immunoglobulin receptor; Synaptic cell adhesion molecule 3; Necl 1; synCAM3; CADM 3; Cell adhesion molecule 3; FLJ10698; IGSF4B; Immunoglobulin superfamily member 4B; NECL1; Nectin like protein 1; TSLC1 like protein 1; TSLL1; CADM3_HUMAN.

研究领域： 神经生物学 细胞粘附分子 细胞表面分子

抗体来源： Rabbit

克隆类型： Polyclonal

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

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 : 41kDa

细胞定位 : 细胞浆 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human CADM3:101-200/398 <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： Immunoglobulin superfamily member 4B (Cell adhesion molecule 3, Nectin-like protein 1) is a nectin family **gene** product that contains 2 Ig-like C2-type (immunoglobulin-like) domains and an Ig-like V-type (immunoglobulin-like) domain. IGSF4B is a single-pass type I membrane protein that localizes to cell-cell interacting sites along the plasma membrane. IGSF4B functions as a cell adhesion molecule at cell-cell junctions. IGSF4B can be found as a homodimer and has a dual calcium-independent adhesion function; a homophilic cell-cell interaction and a heterophilic cell-cell interaction involving IGSF4, Nectin 1 and Nectin 3. IGSF4B may also interact with EPB41L1 which has a potential for regulating structure or function of cell-cell junctions By similarity. Isoform 1 is expressed in adult and fetal brain. Isoform 2 is highly expressed in the cerebellum but is also weakly expressed in placenta. IGSF4B has been found to be markedly over-expressed in glioma cell lines and prostate cancer cell lines.

Function:

Involved in the cell-cell adhesion. Has both calcium-independent homophilic cell-cell adhesion activity and calcium-independent heterophilic cell-cell adhesion activity with IGSF4, PVRL1 and PVRL3. Interaction with EPB41L1 may regulate structure or function of cell-cell junctions.

Subunit:

Homodimer. Can form trans-heterodimers with PVRL3/nectin-3. Interacts with EPB41L1, DLG3, MPP6 and CASK.

Subcellular Location:

Cell junction. Cell membrane. Localized at the cell-cell attached sites of the plasma membrane.

Tissue Specificity:

Isoform 1 is expressed mainly in adult and fetal brain. Isoform 2 is highly expressed in adult brain and weakly expressed in placenta. In brain, Isoform 2 is highly expressed in cerebellum.

Similarity:

Belongs to the nectin family.

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

SWISS:

Q8N126

Gene ID:

57863

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

