

IGSF4B Polyclonal Antibody

YT2294 **Catalog No:**

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: IGSF4B

Fields: >>Cell adhesion molecules

Gene Name: CADM3

Protein Name: Cell adhesion molecule 3

Q8N126

Q99N28

Human Gene Id: 57863

Human Swiss Prot

No:

Mouse Gene Id: 94332

Mouse Swiss Prot

No:

Rat Gene Id: 360882

Rat Swiss Prot No: Q1WIM3

Immunogen: The antiserum was produced against synthesized peptide derived from human

CADM3. AA range:141-190

Specificity: IGSF4B Polyclonal Antibody detects endogenous levels of IGSF4B protein.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not **Dilution:**

yet tested in other applications.



Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 43kD

Cell Pathway: Cell adhesion molecules (CAMs);

Background: cell adhesion molecule 3(CADM3) Homo sapiens IGSF4B is a brain-specific

protein related to the calcium-independent cell-cell adhesion molecules known as

nectins (see PVRL3; MIM 607147) (Kakunaga et al., 2005 [PubMed

15741237]).[supplied by OMIM, Mar 2008],

Function: domain: The cytoplasmic region mediates interaction with EPB41L1, DLG3,

MPP6 and CASK.,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.,induction:Markedly in glioma cell lines and prostate cancer cell lines.,similarity:Belongs to the nectin family.,similarity:Contains 1 Ig-like V-type

(immunoglobulin-like) domain..similarity:Contains 2 Ig-like C2-type

(immunoglobulin-like) domains.,subcellular location:Localized at the cell-cell attached sites of the plasma membrane.,subunit:Homodimer. Can form transheterodimers with PVRL3/nectin-3. Interacts with EPB41L1, DLG3, MPP6 and CASK.,tissue specificity:Isoform 1 is expressed mainly in adult and fetal brain.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein. Cell junction.

Expression: 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.

Sort : 8378

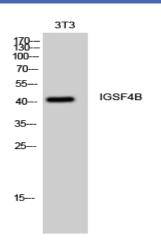
No4:

Host: Rabbit

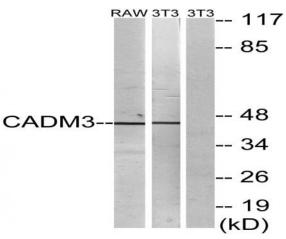
Modifications: Unmodified



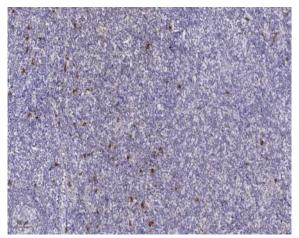
Products Images



Western Blot analysis of 3T3 cells using IGSF4B Polyclonal Antibody



Western blot analysis of lysates from NIH/3T3 and RAW264.7 cells, using CADM3 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).