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Anti-CADM3 Antibody

Catalog # AP60742

Product Information

Application	WB, IHC
Primary Accession	Q8N126
Reactivity	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43300

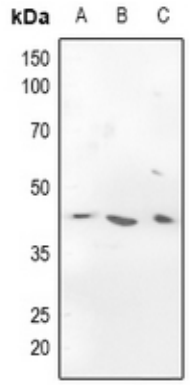
Additional Information

Gene ID	57863
Other Names	IGSF4B; NECL1; SYNCAM3; TSLL1; Cell adhesion molecule 3; Brain immunoglobulin receptor; Immunoglobulin superfamily member 4B; IgSF4B; Nectin-like protein 1; NECL-1; Synaptic cell adhesion molecule 3; SynCAM3; TSLC1-like protein 1; TSLL1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CADM3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

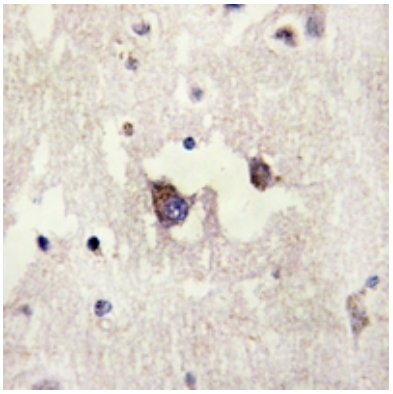
Protein Information

Name	CADM3
Synonyms	IGSF4B, NECL1, SYNCAM3, TSLL1
Function	Involved in cell-cell adhesion. Has both calcium-independent homophilic cell-cell adhesion activity and calcium-independent heterophilic cell-cell adhesion activity with IGSF4, NECTIN1 and NECTIN3. Interaction with EPB41L1 may regulate structure or function of cell-cell junctions (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction
Tissue Location	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.

Images



Western blot analysis of CADM3 expression in HEK293T (A), Hela (B), mouse brain (C) whole cell lysates.
(Predicted band size: 43 kD; Observed band size: 43 kD)



Immunohistochemical analysis of CADM3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.