

**CADM3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17304c****Specification**

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**CADM3 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q8N126](#)**CADM3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 57863**Other Names**

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, CADM3, IGSF4B, NECL1, SYNCAM3, TSLL1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CADM3 Antibody (Center) Blocking Peptide - Protein Information****Name** CADM3**Synonyms** IGSF4B, NECL1, SYNCAM3, TSLL1**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, NECTIN1 and NECTIN3. Interaction with EPB41L1 may regulate structure or function of cell-cell junctions (By similarity).

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:Q99N28}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q99N28} Cell junction {ECO:0000250|UniProtKB:Q99N28}

**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.

## **CADM3 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **CADM3 Antibody (Center) Blocking Peptide - Images**

## **CADM3 Antibody (Center) Blocking Peptide - Background**

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 [PubMed15741237]).

## **CADM3 Antibody (Center) Blocking Peptide - References**

Yin, B., et al. Chin. Med. Sci. J. 25(2):100-104(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Raveh, S., et al. J. Cell. Biochem. 108(1):326-336(2009) Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009) Dong, X., et al. J. Biol. Chem. 281(15):10610-10617(2006)