

Rabbit CADM2 Polyclonal Antibody | anti-CADM2 antibody

CADM2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284233	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	ELISA, Western Blot

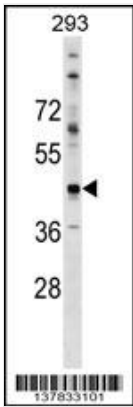
PRODUCT SYNONYMS

CADM2; Polyclonal Antibody; CADM2 Antibody (N-term); Cell adhesion molecule 2; Immunoglobulin superfamily member 4D; IgSF4D; Nectin-like protein 3; NECL-3; Synaptic cell adhesion molecule 2; SynCAM 2; IGSF4D; NECL3; anti-CADM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CADM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-76 amino acids from the N-terminal region of human CADM2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	50-76
Sequence Length	327
Applicable Applications for anti-CADM2 antibody	ELISA, WB (Western Blot)
Clone Names	RB37833
Function	Adhesion molecule that engages in homo- and heterophilic interactions with the other nectin-like family members, leading to cell aggregation. Important for synapse organization, providing regulated trans-synaptic adhesion. Preferentially binds to oligodendrocytes.
Cellular Location	Cell membrane; Single-pass type I membrane protein Cell junction, synapse. Cell projection, axon. Note=Found in the axoplasm of myelinated axons
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
CADM2 Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the CADM2 antibody detected the CADM2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CADM2 antibody	Members of the large immunoglobulin (Ig) superfamily, such as IGSF4D, have diverse roles in extracellular recognition and intercellular adhesion (Biederer, 2006 [PubMed 16311015]).[supplied by OMIM].
Product Categories/Family for anti-CADM2 antibody	Cell Biology
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Festen, E.A., et al. Am. J. Gastroenterol. 105(2):395-402(2010) Biederer, T. Genomics 87(1):139-150(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	264681533
NCBI GeneID	253559
NCBI Accession #	NP_001161146.1; NP_001161147.1; NP_694854.2
NCBI GenBank Nucleotide #	NM_001167674.1
UniProt Accession #	Q8N3J6; Q3KQY9; Q658Q7; Q8IZP8; G3XHN7; G3XHN8
Molecular Weight	47554
NCBI Official Full Name	cell adhesion molecule 2 isoform 1
NCBI Official Synonym Full Names	cell adhesion molecule 2
NCBI Official Symbol	CADM2
NCBI Official Synonym Symbols	NECL3; IGSF4D; Necl-3; synCAM2; SynCAM 2
NCBI Protein Information	cell adhesion molecule 2
UniProt Protein Name	Cell adhesion molecule 2
UniProt Gene Name	CADM2
UniProt Synonym Gene Names	IGSF4D; NECL3; IgSF4D; NECL-3; SynCAM 2
UniProt Entry Name	CADM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cadm2-antibody-western-blot-elisa/284233>