

Rabbit anti-Mouse CADM1 Antibody | anti-CADM1 antibody

CADM1, Antiserum, Rabbit

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76449	Rabbit	Mouse	Western Blot, Immunocytochemistry, Immunofluorescence

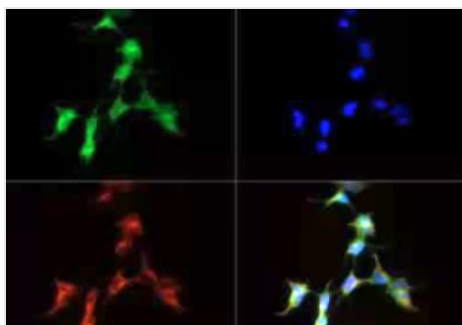
PRODUCT SYNONYMS

CADM1; Antiserum; Rabbit; anti-CADM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Form/Format	Whole serum with 0.02% Sodium Azide
Sequence	Asynthetic peptidecor responding totheC-ter minalregio nofratSynC AM/CADM1.
Sequence Length	453
Applicable Applications for anti-CADM1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthetic peptide made to the C-terminal region of the mouse SCP1 protein.
Preparation and Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Image: SynCAM/CADM1 antibody in SH-SY-5Y cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red).

ADDITIONAL INFORMATION

Related Product Information for anti-CADM1 antibody	CADM1/SynCAM is a brain-specific, immunoglobulin domain. It functions as a homophilic cell adhesion molecule at the synapse. Full-length synCAM has been shown to induce synaptic assembly. It has also been shown that synCAM, in conjunction with glutamate receptors, can sufficiently create a functional postsynaptic response. The proptein is also involved in neuronal migration, axon growth, pathfinding, and fasciculation on the axons of differentiating neurons. In addition, SynCAM plays diverse roles in spermatogenesis including in the adhesion of spermatocytes and spermatids to Sertoli cells and for their normal differentiation into mature spermatozoa.
Product Categories/Family for anti-CADM1 antibody	Antibodies; Neuronal-Glial Markers; Neuron/Synapse Markers; CADM1/SynCAM

NCBI AND UNIPROT INFORMATION

NCBI GI #	666637964
NCBI GeneID	23705
NCBI Accession #	NP_001287973.1
NCBI GenBank Nucleotide #	NM_001301044.1
NCBI Official Full Name	cell adhesion molecule 1 isoform B
NCBI Official Synonym Full Names	cell adhesion molecule 1
NCBI Official Symbol	CADM1
NCBI Official Synonym Symbols	BL2; ST17; IGSF4; NECL2; RA175; TSLC1; IGSF4A; Necl-2; SYNCAM; sIgSF; sTSLC-1; synCAM1
NCBI Protein Information	cell adhesion molecule 1
UniProt Protein Name	Cell adhesion molecule 1
UniProt Gene Name	CADM1
UniProt Synonym Gene Names	IgSF4; NECL-2; SgIgSF; SynCAM; TSLC-1
UniProt Entry Name	CADM1_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/rabbit-mouse-antibody/cadm1/76449>