

Rabbit anti-Human Cell adhesion molecule 1 Polyclonal Antibody | anti-CADM1 antibody

Rabbit anti-human Cell adhesion molecule 1 polyclonal Antibody(CADM1)

CATALOG # AAA119651	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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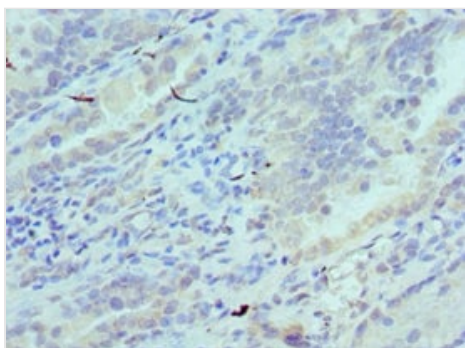
PRODUCT SYNONYMS

Cell adhesion molecule 1; Polyclonal Antibody; Rabbit anti-human Cell adhesion molecule 1 polyclonal Antibody(CADM1); Immunoglobulin superfamily member 4; IgSF4; Nectin-like protein 2; NECL-2; Spermatogenic immunoglobulin superfamily; SglgSF; Synaptic cell adhesion molecule; SynCAM; Tumor suppressor in lung cancer 1; TSLC-1; CADM1; anti-CADM1 antibody

PRODUCT SPECIFICATIONS

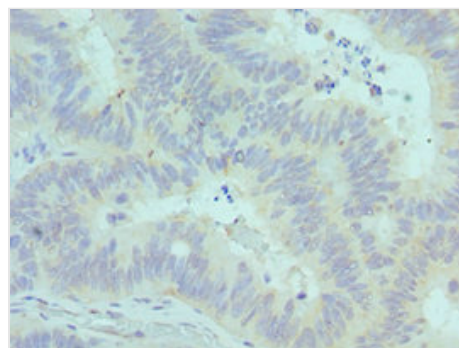
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	414
Applicable Applications for anti-CADM1 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Cell adhesion molecule 1 protein (45-344aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-25942 / sc-25077 / sc-25079 / sc-34546 / sc-34545 / sc-28636 / sc-33198
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA119651 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA119651 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CADM1 antibody	Mediates homophilic cell-cell adhesion in a Ca2+-independent manner. Also mediates heterophilic cell-cell adhesion with CADM3 and PVRL3 in a Ca2+-independent manner. Acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells. Interaction with CRTAM promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8+ cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. May contribute to the less invasive phenotypes of lepidic growth tumor cells. In mast cells, may mediate attachment to and promote communication with nerves. CADM1, together with MITF, is essential for development and survival of mast cells in vivo. Acts as a synaptic cell adhesion molecule and plays a role in the formation of dendritic spines and in synapse assembly (By similarity). May be involved in neuronal migration, axon growth, pathfinding, and fasciculation on the axons of differentiating neurons. May play diverse roles in the spermatogenesis including in the adhesion of spermatocytes and spermatids to Sertoli cells and for their normal differentiation into mature spermatozoa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148664211
NCBI GeneID	23705
NCBI Accession #	NP_001091987.1
NCBI GenBank Nucleotide #	NM_001098517.1
UniProt Accession #	Q9BY67; Q86WB8; Q8N2F4; A4FVB5; F5H0J4; HOYGA7; H1ZZV9; H1ZZW1; H1ZZW2; X5D2C8
Molecular Weight	45,624 Da
NCBI Official Full Name	cell adhesion molecule 1 isoform E
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/polyclonal/cell-adhesion-molecule-1-antibody-immunohistochemistry-elisa/119651>