

Rabbit CADM2 Polyclonal Antibody | anti-CADM2 antibody

Rabbit anti-CADM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222761	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

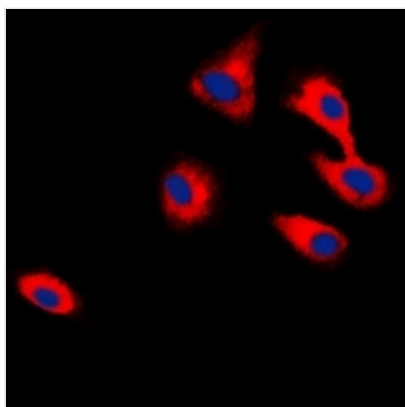
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

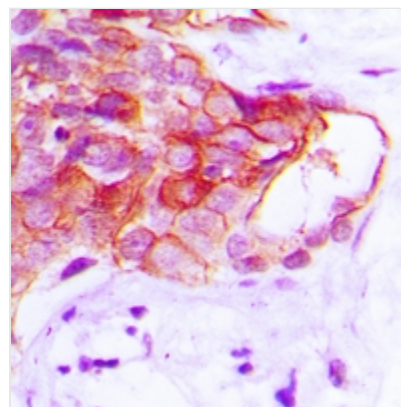
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CADM2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CADM2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



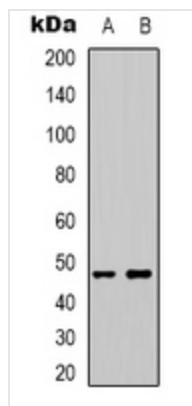
IF (Immunofluorescence)

Immunofluorescent analysis of CADM2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of CADM2 staining in human prostate cancer 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.



WB (Western Blot)

Western blot analysis of CADM2 expression in HepG2 (A), mouse brain (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CADM2 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	264681533
NCBI GeneID	253559
NCBI Accession #	NP_001161146.1
NCBI GenBank Nucleotide #	NM_001167674.1
UniProt Accession #	Q8N3J6; Q8BLQ9; Q1WIM2
Molecular Weight	47,554 Da
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; nectin-like 3; nectin-like protein 3; synaptic cell adhesion molecule 2; immunoglobulin superfamily member 4D; immunoglobulin superfamily, member 4D
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-immunofluorescence-immunohistochemistry-western-blot-elisa/222761>