

Rabbit CADM4 Polyclonal Antibody | anti-CADM4 antibody

CADM4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324227	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CADM4; Polyclonal Antibody; CADM4 Antibody; CADM 4; cadm4; CADM4_HUMAN; Cell adhesion molecule 4; IGSF4C; Immunoglobulin superfamily member 4C; Necl 4; NECL-4; NECL4; Nectin like 4; Nectin like protein 4; Nectin-like protein 4; synCAM4; TSLC1 like 2; TSLC1 like protein 2; TSLC1-like protein 2; TSL2; anti-CADM4 antibody

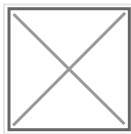
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CADM4 antibody detects endogenous levels of total CADM4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	388
Applicable Applications for anti-CADM4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Expressed in brain, prostate, brain, kidney and some other organs.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



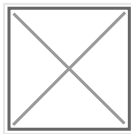
IHC (Immunohistochemistry)
AAA324227 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA324227 staining RAW264.7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using CADM4 Antibody.



WB (Western Blot)
Western blot analysis of extracts from various tissue, using CADM4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CADM4 antibody	Function: Involved in the cell-cell adhesion. Has calcium-and magnesium-independent cell-cell adhesion activity. May have tumor-suppressor activity. Subunit Structure: Monomer and homodimer. Post-translational Modifications: N-glycosylated. Similarity: Belongs to the nectin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21686977
NCBI GeneID	199731
NCBI Accession #	NP_660339.1
NCBI GenBank Nucleotide #	NM_145296.1
UniProt Accession #	Q8NfZ8; Q9Y4A4; B2R7L5
Molecular Weight	Observed: 48 kD Predicted: 43 kDa
NCBI Official Full Name	cell adhesion molecule 4
NCBI Official Synonym Full Names	cell adhesion molecule 4
NCBI Official Symbol	CADM4
NCBI Official Synonym Symbols	NECL4; TSLL2; IGSF4C; Necl-4; synCAM4
NCBI Protein Information	cell adhesion molecule 4
UniProt Protein Name	Cell adhesion molecule 4
UniProt Gene Name	CADM4
UniProt Synonym Gene Names	IGSF4C; NECL4; TSLL2; IgSF4C; NECL-4

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.