

Datasheet for ABIN571219

anti-CADM1 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	CADM1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CADM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CADM1
Immunogen:	C-EVQYKPQVHIQ
Sequence:	EVQYKPQVHI Q
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_055148.3, NP_001091987.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	CADM1
Alternative Name:	CADM1 (CADM1 Products)
Background:	CADM1, cell adhesion molecule 1, BL2, DKFZp686F1789, IGSF4, IGSF4A, MGC149785, MGC51880, NECL2, Necl-2, RA175, ST17, SYNCAM, TSLC1, sTSLC-1, sglGSF, synCAM1, TSLC1/Nectin-like 2/IGSF4, immunoglobulin superfamily, member 4, nectin-like 2, nectin-like prote
Gene ID:	23705, 54725, 363058
NCBI Accession:	NP_055148 , NP_001091987
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization , Activated T Cell Proliferation

Application Details

Application Notes:	Western Blot: Approx 37 kDa band observed in Human and Mouse Brain lysates (calculated MW of 36.9 kDa according to the reported isoform 2 Q9BY67-2 in UniprotKB). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571219 (1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.