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# Datasheet for ABIN870695 anti-CADM1 antibody (Internal Region)





#### Overview

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

### Product Details

Purpose:	CADM1/TSLC1
Immunogen:	Peptide with sequence C-QLYTDPPQESYTT, from the internal region of the protein sequence according to NP_055148.3, NP_001091987.1.
Sequence:	QLYTDPPQES YTT
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_055148.3, NP_001091987.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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### Product Details

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, sgIGSF, synCAM1, TSLC- 1, TSLC1/Nectin-like 2/IGSF4, immunoglobulin superfamily member 4, immunoglobulin superfamil
Molecular Weight:	49.8kDa
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 49 kDa band observed in Mouse fetal Heart and fetal Brain lysates
	(calculated MW of 49.8 kDa according to Mouse NP_997558.2). 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.

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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.

#### Images

250kDa 150kDa	Western Blotting
100kDa	Image 1. ABIN870695 (1µg/ml) staining of Mouse fetal
75kDa	Heart lysate (35µg protein in RIPA buffer). Primary
50kDa	incubation was 1 hour. Detected by chemiluminescence.
37kDa	
25kDa	
20kDa	