

Datasheet for ABIN3030437
anti-CADM1 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	CADM1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CADM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human SynCAM/CADM1 (VIQLLNPNRQTIYFRDFRPL) was used as the immunogen for this CADM1 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	CADM1
Alternative Name:	CADM1 (CADM1 Products)
Background:	Cell adhesion molecule 1 is a protein that, in humans, is encoded by the CADM1 gene. This gene is also known as IGSF4, SYNCAM or TSLC1, and it is mapped to 11q23.3. It functions as a

Target Details

	homophilic cell adhesion molecule at the synapse. Expression of the isolated cytoplasmic tail of CADM1 in neurons inhibited synapse assembly. Conversely, expression of full-length protein in non-neuronal cells induced synapse formation by cocultured hippocampal neurons with normal release properties. It has been shown to interact with EPB41L3.
UniProt:	Q9BY67
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization , Activated T Cell Proliferation

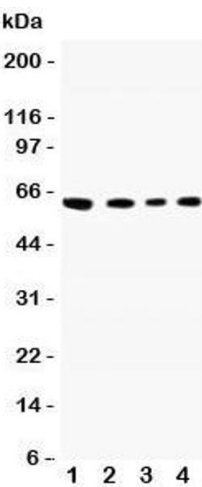
Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the CADM1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

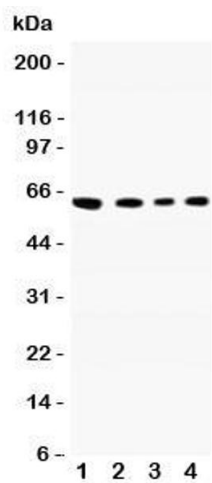
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the CADM1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of CADM1 antibody and Lane 1: A549; 2: Jurkat; 3: Raji; 4: HeLa lysate. Expected/observed size ~60KD



Western Blotting

Image 2. Western blot testing of CADM1 antibody and Lane 1: A549