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# anti-Cell Adhesion Molecule 4 antibody (C-Term)

Polyclonal



Overview

Clonality:



Quantity:	100 μL
Target:	Cell Adhesion Molecule 4 (CADM4)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit

Conjugate:	This Cell Adhesion Molecule 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF),
	Immunocytochemistry (ICC)

#### **Product Details**

Immunogen:	A synthesized peptide derived from human CADM4, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	CADM4 Antibody detects endogenous levels of total CADM4.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## **Target Details**

Target:	Cell Adhesion Molecule 4 (CADM4)
rarget.	Cell Adriesion Molecule 4 (CADIM4)

## **Target Details**

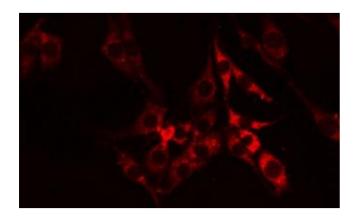
Alternative Name:	CADM4 (CADM4 Products)
Background:	Description: Involved in the cell-cell adhesion. Has calcium- and magnesium-independent cell-cell adhesion activity. May have tumor-suppressor activity.  Gene: CADM4
Molecular Weight:	48 kDa
Gene ID:	199731
UniProt:	Q8NFZ8

# Application Details

Application Notes:	WB 1:500-1:1000, IHC: 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

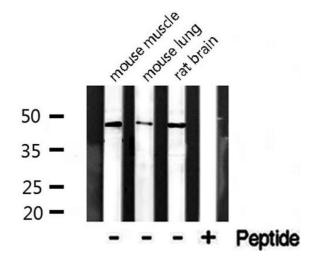
# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit lgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



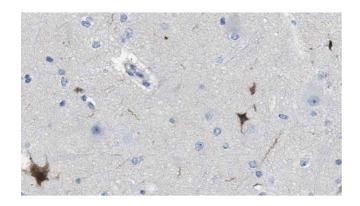
#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6274610 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°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



#### **Western Blotting**

**Image 2.** Western blot analysis of extracts from various tissue, using CADM4 antibody.



## Immunohistochemistry

**Image 3.** ABIN6274610 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°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.