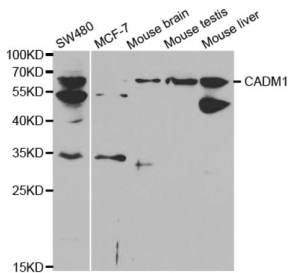


## Cell Adhesion Molecule 1 (CADM1) Antibody

Catalogue No.: abx001553



Western blot analysis of extracts of various cell lines, using CADM1 antibody (abx001553) at 1/1000 dilution.

CADM1 Antibody is a Rabbit Polyclonal antibody against CADM1. Homologous to the poliovirus receptor (PVR/CD155), the Nectin immunoglobulin superfamily comprises four known isoforms, Nectin 1, 2, 3 and 4 (also designated TSLC1). TSLC1 is encoded by a tumor-suppressor gene in human non-small-cell lung cancer mapping to chromosome 11q23.2. The TSLC1 protein is an N-linked membrane glycoprotein that co-localizes with the Actin filament-binding protein, afadin, at cadherin-based adherens junctions in MDCKII epithelial cells. TSLC1 also interacts with the tumor-suppressor gene product DAL-1 (for differentially expressed in adenocarcinoma of the lung protein 1) to target Actin rearrangement and cellular motility. TSLC1 may also form homodimers that function in homophilic, intracellular adhesion. TSLC1 expression is reduced or absent in a number of characterized cancer cell lines including A549. In prostate and breast cancer, as well as in pancreatic ductal adenocarcinoma, the TSLC1 promoter is commonly silenced by hypermethylation. Unlike other Nectins, which are more widely expressed, TSLC1 is mainly expressed in the placenta.

<b>Target:</b>	Cell Adhesion Molecule 1 (CADM1)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 45-344 of human CADM1.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.

# Datasheet

Version: 3.0.0  
Revision date: 03 Dec 2024



<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q9BY67 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	CADM1
<b>GeneID:</b>	<a href="#">23705</a>
<b>OMIM:</b>	<a href="#">605686</a>
<b>NCBI Accession:</b>	NP_055148.3
<b>HGNC:</b>	5951
<b>Ensembl:</b>	ENSG00000182985
<b>String:</b>	<a href="#">9606.ENSP00000329797</a>
<b>Molecular Weight:</b>	Calculated MW: 49 kDa Observed MW: 50 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
<b>Concentration:</b>	> 0.2 mg/ml
<b>Note:</b>	This product is for research use only.

For Reference Only