

CADM1 Polyclonal Antibody

Catalog number: 14335-1-AP

Size: 24 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

CADM1; BL2, CADM1, cell

adhesion molecule 1,

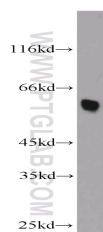
DKFZp686F1789, IGSF4,

IGSF4A, Necl 2, NECL2, Nectin

like protein 2, RA175, sgIGSF,

ST17, sTSLC 1, SYNCAM,

syncAM1, TSLC 1, TSLC1



mouse liver tissue were subjected to SDS PAGE followed by western blot with 14335-1-AP(CADM1 antibody) at dilution of 1:1000

Background

CADM1 (cell adhesion molecule 1), also referred to as SgIGSF, Necl-2 or TSLC-1, is a cell adhesion molecule belonging to the immunoglobulin superfamily. It can mediate homophilic and heterophilic cell-cell adhesion. CADM1 is expressed by a variety of cells including neurons, mast cells, spermatogonia, pancreatic islet cells, epithelial cells such as lung alveolar cells and biliary epithelial cells. CADM1 is involved in carcinoma pathogenesis and the expression of CADM1 is frequently down-regulated in various tumors derived from epithelial cells. It acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells. (PMID: 18332875; 17326163; 20340131)

Applications

Tested applications:	ELISA, WB
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated CADM1 MW:	49 kDa
Observed CADM1 MW:	49-60 kDa
Positive WB detected in	Mouse liver tissue, A549 cells, human placenta tissue, mouse lung tissue
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5621
GenBank accession number:	BC047021
Gene ID (NCBI):	23705
Full name:	Cell adhesion molecule 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.