

CADM2 Antibody

Catalog No: #46390

Package Size: #46390 100ul

Description

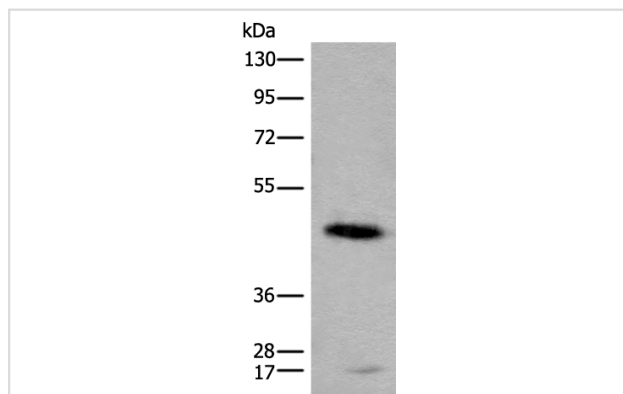
Product Name	CADM2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total CADM2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CADM2
Conjugates	Unconjugated
Target Name	CADM2
Other Names	NECL3; IGSF4D; Necl-3; synCAM2; SynCAM 2
Accession No.	Swiss-Prot:Q8N3J6NCBI Gene ID:253559NCBI Protein:NP_001161146
Calculated MW	48 kDa
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000-1:5000

Immunohistochemistry: 1: 30-150

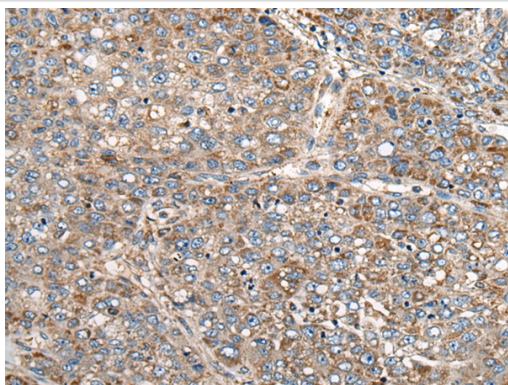
Images



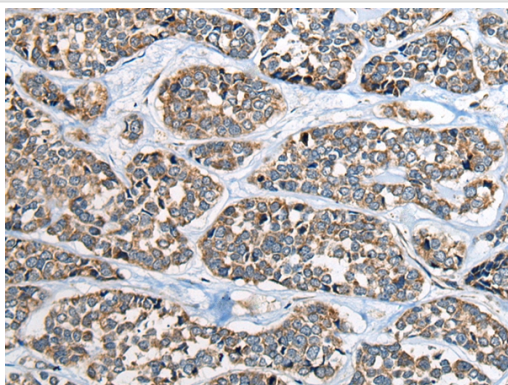
Gel: 8%SDS-PAGE

lysate: 20 B μ g, Lane: Human cerebella tissue lysate,
Primary antibody: 46390B $\times$ B $\times$ CADM2 Antibody) at dilution
1/2000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 1 second



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46390(CADM2 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46390(CADM2 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene encodes a member of the synaptic cell adhesion molecule 1 (SynCAM) family which belongs to the immunoglobulin (Ig) superfamily. The encoded protein has three Ig-like domains and a cytosolic protein 4.1 binding site near the C-terminus. Proteins belonging to the protein 4.1 family crosslink spectrin and interact with other cytoskeletal proteins. Multiple transcript variants encoding different isoforms have been found for this gene.

Published Papers

Cao Yun;Chen Dong;Chen Jie-Ping;Deng Chuang-Zhong;Guo Sheng-Jie;Han Hui;Hu Zheng;Huang Kang-Bo;Jin Jie-Tian;Li Yong-Hong;Li Zai-Shang;Liu Ran-Yi;Luo Jun-Hang;Ma Xin;Spiess Philippe E;Wang Xiao-Bin;Zhang Xin-Ke;Zhou Fang-Jian;Zhou Qiang-Hua et al., Genome-Wide Profiling Reveals HPV Integration Pattern and Activated Carcinogenic Pathways in Penile Squamous Cell Carcinoma, , (2021)
[PMID:34885212](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.