



IGSF4D Polyclonal Antibody

Catalog No	YP-Ab-17028
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CADM2
Immunogen	The antiserum was produced against synthesized peptide derived from human CADM2. AA range:131-180
Specificity	IGSF4D Polyclonal Antibody detects endogenous levels of IGSF4D protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cell adhesion molecule 2;IgSF4D;Necl 3;NECL3;NECL-3;CADM2; Immunoglobulin superfamily member 4D;Nectin-like protein 3;Synaptic cell adhesion molecule 2;SynCAM 2
Observed Band	47kD
Calculated Molecular Weight	47kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Cell junction, synapse . Cell projection, axon . Found in the axoplasm of myelinated axons.
Tissue Specificity	Amygdala,Brain,Stomach,
Function	similarity:Belongs to the nectin family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,
Background	cell adhesion molecule 2(CADM2) Homo sapiens 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. [provided by RefSeq, Feb 2012],

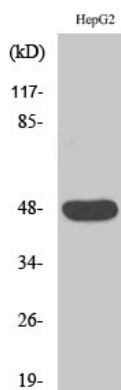
matters needing attention

Avoid repeated freezing and thawing!

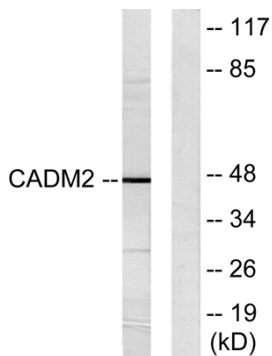
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

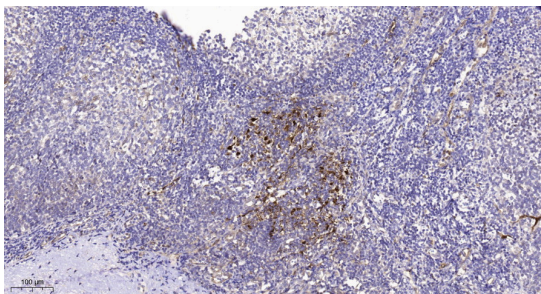
Products Images



Western Blot analysis of various cells using IGSF4D Polyclonal Antibody



Western blot analysis of lysates from HepG2 cells, using CADM2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3, Secondary antibody was diluted at 1:200(room temperature, 45min).