

For Research Use Only

CADM2 Polyclonal antibody, PBS Only

Catalog Number: 17773-1-PBS



Basic Information

Catalog Number: 17773-1-PBS	GenBank Accession Number: BC105999	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 253559	
Isotype: IgG	UNIPROT ID: Q8N3J6	
Immunogen Catalog Number: AG12191	Full Name: cell adhesion molecule 2	
	Calculated MW: 404 aa, 44 kDa	
	Observed MW: 50-60 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CADM2, also known as IGSF4D, NECL3, SYNCAM2, is a member of the synaptic cell adhesion molecule 1 (SynCAM) family which belongs to the immunoglobulin (Ig) superfamily. CADM2 is a conserved modular organization comprising three Ig domains, a single transmembrane pass and a short cytoplasmic region containing 4.1 and PDZ binding motifs. CADM2 is a plasma membrane protein that accumulates in several tissues, including those of the central and peripheral nervous system, where it localizes to myelinated axons and in ependymal cells (PMID: 16311015, 17967169). The molecular weight of the CADM2 protein is approximately 50-60 kDa, which is due to N-linked glycosylation (PMID: 17967169, 21456004).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

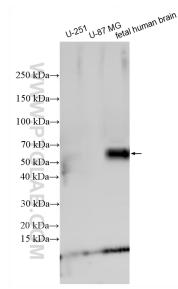
T: 4006900926

E: Proteintech-CN@ptglab.com

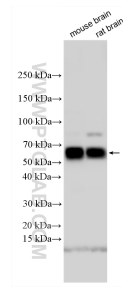
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

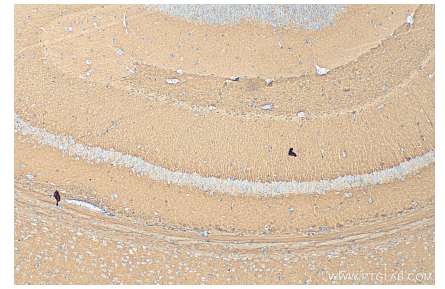
Selected Validation Data



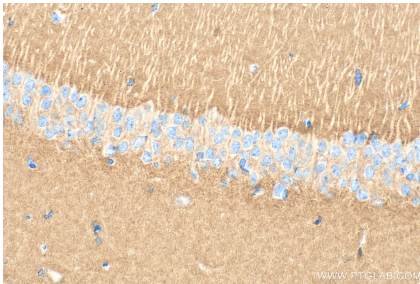
Various lysates were subjected to SDS PAGE followed by western blot with 17773-1-AP (CADM2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17773-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 17773-1-AP (CADM2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17773-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17773-1-AP (CADM2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17773-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17773-1-AP (CADM2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17773-1-PBS in a different storage buffer formulation.