

For Research Use Only

CSMD2 Polyclonal antibody, PBS Only

Catalog Number: 31573-1-PBS



Basic Information

Catalog Number: 31573-1-PBS	GenBank Accession Number: NM_001281956	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 114784	
Isotype: IgG	UNIPROT ID: Q7Z408	
Immunogen Catalog Number: AG36106	Full Name: CUB and Sushi multiple domains 2	
	Calculated MW: 380kDa	
	Observed MW: 380 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CUB and sushi multiple domains 2 (CSMD2), located on the short arm of human chromosome 1 (1p35.1), encodes a single-pass transmembrane protein with a large extracellular domain consisting of CUB and Sushi domain repeats. CSMD2 is highly expressed in the developing and mature brain and has been linked to schizophrenia (PMID:31068362). The full-length molecular weight of CSMD2 protein is 380 kDa.

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:

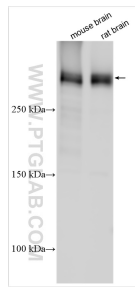
T: 4006900926

E: Proteintech-CN@ptglab.com

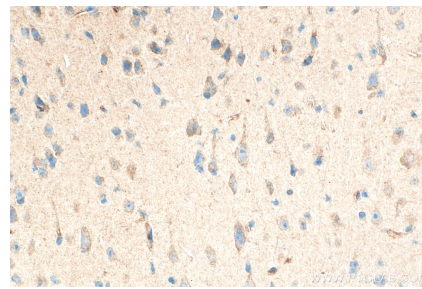
W: ptgcn.com

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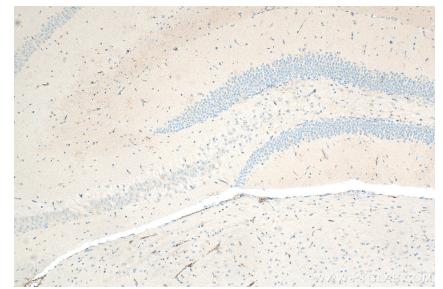
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31573-1-AP (CSMD2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31573-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 31573-1-AP (CSMD2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31573-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 31573-1-AP (CSMD2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31573-1-PBS in a different storage buffer formulation.