

CSMD2 Rabbit pAb

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Catalog # AP58909

Product Information

Application	WB
Primary Accession	Q7Z408
Reactivity	Rat, Mouse
Predicted	Dog, Human, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	380039
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CSMD2
Epitope Specificity	251-350/3487
Isotype	IgG
Purity	affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cell membrane; Single-pass membrane protein (Potential).

Important Note This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions The CUB and sushi domain-containing proteins, CSMD1-3, are membrane proteins that are involved in cell-cell adhesion and are weakly expressed in most tissues, with higher levels of expression observed in the cerebellum and hippocampus. CSMD1 is part of the complement system that defends against pathogens through either the classical pathway or the alternative pathway. Located primarily in nerve growth cones, CSMD1 blocks the classical pathway of the immune system and is thought to be involved in tumor suppression, as defects in the gene encoding CSMD1 are associated with squamous cell carcinomas. CSMD2 and CSMD3 are located primarily in the brain and are implicated in some forms of head and neck cancer. Additionally, the CSMD3 gene is a candidate for induction of epileptic seizures.

Additional Information

Gene ID	114784
Other Names	CUB and sushi domain-containing protein 2, CUB and sushi multiple domains protein 2, CSMD2, KIAA1884
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

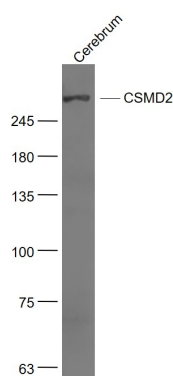
Protein Information

Name	CSMD2
Synonyms	KIAA1884
Cellular Location	Cell membrane; Single-pass membrane protein
Tissue Location	Weakly expressed in most tissues, except in brain. Expressed at intermediate level in brain, including cerebellum, substantia nigra, hippocampus and fetal brain. Overexpressed in some head and neck cancer cell lines.

Background

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Images



Sample:
Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti- CSMD2 (AP58909) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 380 kD
Observed band size: 380 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.