

FAM168B Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21018c

Specification

FAM168B Antibody (C-term) - Product Information

Application WB,E
Primary Accession A1KXE4

Other Accession <u>D4AEP3</u>, <u>Q80XQ8</u>, <u>A8E639</u>

Reactivity
Predicted
Bovine, Rat
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Mouse
Bovine, Rat
Rabbit
Rabbit
20324
165-199

FAM168B Antibody (C-term) - Additional Information

Gene ID 130074

Other Names

Myelin-associated neurite-outgrowth inhibitor, Mani, p20, FAM168B, KIAA0280L, MANI

Target/Specificity

This FAM168B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 165-199 amino acids from the C-terminal region of human FAM168B.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FAM168B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FAM168B Antibody (C-term) - Protein Information

Name FAM168B



Synonyms KIAA0280L, MANI

Function Inhibitor of neuronal axonal outgrowth. Acts as a negative regulator of CDC42 and STAT3 and a positive regulator of STMN2. Positive regulator of CDC27.

Cellular Location

Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:D4AEP3}. Cell membrane {ECO:0000250|UniProtKB:Q80XQ8}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q80XQ8}. Cell projection, axon {ECO:0000250|UniProtKB:Q80XQ8}. Note=Expressed in neuronal cell bodies and axonal fibers. {ECO:0000250|UniProtKB:Q80XQ8}

Tissue Location

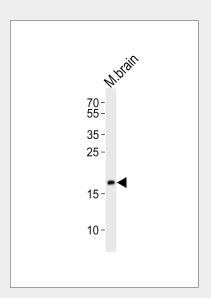
Expressed in the brain, within neuronal axonal fibers and associated with myelin sheets (at protein level). Expression tends to be lower in the brain of Alzheimer disease patients compared to healthy individuals (at protein level)

FAM168B Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

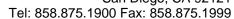
FAM168B Antibody (C-term) - Images



Western blot analysis of lysate from mouse brain tissue lysate, using FAM168B Antibody (C-term)(Cat. #AP21018c). AP21018c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

FAM168B Antibody (C-term) - Background







Modulates neuronal axonal outgrowth by acting as a negative regulator of CDC42 and STAT3 and a positive regulator of STMN2. Positive regulator of CDC27 (By similarity).

FAM168B Antibody (C-term) - References

Mishra M., et al.J. Cell. Mol. Med. 15:1713-1725(2011). Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Gauci S., et al. Anal. Chem. 81:4493-4501(2009). Mishra M., et al. FEBS Lett. 586:3018-3023(2012).