

For Research Use Only

FAM171A2 Polyclonal antibody

Catalog Number: 20836-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

20836-1-AP

Size:

260 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14909

GenBank Accession Number:

BC030200

GeneID (NCBI):

284069

UNIPROT ID:

A8MVW0

Full Name:

family with sequence similarity 171, member A2

Calculated MW:

826 aa, 87 kDa

Observed MW:

65-75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse liver tissue, HepG2 cells

IHC : mouse brain tissue,

Background Information

FAM171A2 is a key regulator of progranulin expression and modifies the risk of multiple neurodegenerative diseases. In addition, FAM171A2 was considerably expressed in the vascular endothelium and microglia, which are rich in Progranulin (PGRN) (PMID: 33087363).

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Xu	33087363	Sci Adv	WB,IHC,IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

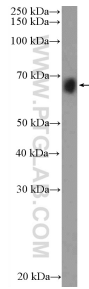
T: 4006900926

E: Proteintech-CN@ptglab.com

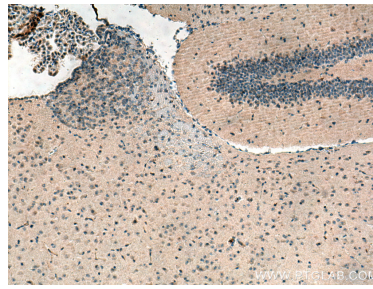
W: ptgcn.com

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

Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 20836-1-AP (FAM171A2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20836-1-AP (FAM171A2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).