

For Research Use Only

# FAM76B Polyclonal antibody

Catalog Number:32882-1-AP



## Basic Information

Catalog Number:

32882-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36658

GenBank Accession Number:

NM\_144664.4

GeneID (NCBI):

143684

UNIPROT ID:

Q5HYJ3

Full Name:

family with sequence similarity 76, member B

Calculated MW:

39kDa, 339aa

Observed MW:

36-39 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : J774A.1 cells, SH-SY5Y cells, SK-N-SH cells, U-937 cells, RAW 264.7 cells

## Background Information

FAM76B is a nuclear protein with a molecular weight of about 39 kDa. Its amino acid sequence is highly conserved, and it is highly similar to FAM76B sequence of rats, mice and zebrafish. The protein contains histidine repeat sequence (poly-His domain) and ubiquitination site of Lys-225. FAM76B inhibits the inflammatory reaction mediated by NF- $\kappa$ B by affecting the cytoplasmic translocation of hnRNPA2B1. The expression of inflammatory factors (such as IL-6) increased significantly in FAM76B gene knockout mice, indicating that FAM76B has anti-inflammatory effect.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

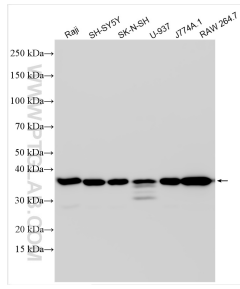
T: 4006900926

E: Proteintech-CN@ptglab.com

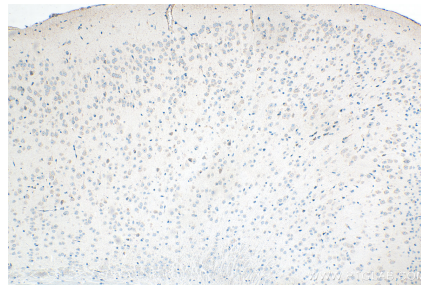
W: ptgcn.com

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

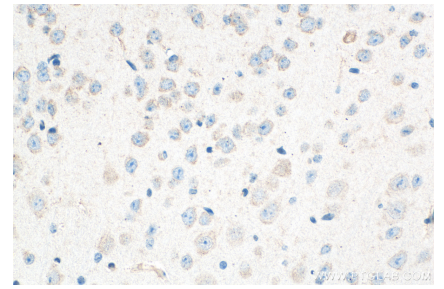
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32882-1-AP (FAM76B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 32882-1-AP (FAM76B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 32882-1-AP (FAM76B antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).