

For Research Use Only

# ABHD17A Polyclonal antibody

Catalog Number: 32439-1-AP



## Basic Information

Catalog Number:

32439-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36531

GenBank Accession Number:

BC000158

GeneID (NCBI):

81926

UNIPROT ID:

Q96GS6

Full Name:

family with sequence similarity 108, member A1

Calculated MW:

34 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

## Background Information

Alpha/beta hydrolase domain-containing protein 17A (ABHD17A), also known as FAM108A, is a membrane-localized thioesterase, which regulates H- and N-RAS39, also catalyzes the depalmitoylation of CNA  $\beta$  1 causing it to redistribute from the PM to the cytosol and the Golgi (PMID: 34663815). ABHD17a is a major acyl protein thioesterase that site-specifically deacylates the STREX domain of the BK channel to control channel activity (PMID: 32913120). Western blot analysis detected ABHD17A at an apparent molecular mass of 34 kDa (PMID: 27307232), and the 70 kDa-band could be the dimer.

## 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:

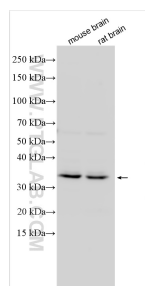
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32439-1-AP (ABHD17A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.