

For Research Use Only

# BAT5 Polyclonal antibody, PBS Only

Catalog Number:17317-1-PBS



## Basic Information

Catalog Number:

17317-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11287

GenBank Accession Number:

BC031839

GeneID (NCBI):

7920

UNIPROT ID:

O95870

Full Name:

HLA-B associated transcript 5

Calculated MW:

558 aa, 63 kDa

Observed MW:

59-63 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

Human lymphocyte antigen B-associated transcript 5 (BAT5, also known as ABHD16A) is a 558 residue (63 kDa) protein encoded by 20 exons located on chromosome 6p21.33. BAT5 belongs to the  $\alpha/\beta$ -hydrolase domain (ABHD) containing family of metabolic serine hydrolases and possesses both an esterase catalytic triad and an acyltransferase domain (PMID: 25290914). BAT5 not only participates in lipid metabolism but is also involved in the regulation of inflammation and immunity. BAT5 is predicted to be an integral membrane protein with highest mRNA transcript levels in mouse tissues found in testis, heart, muscle, and brain (PMID: 23328280).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

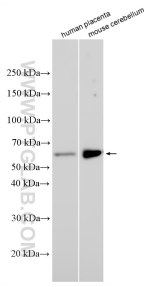
T: 4006900926

E: Proteintech-CN@ptglab.com

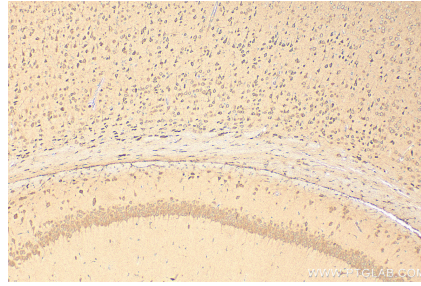
W: ptgcn.com

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

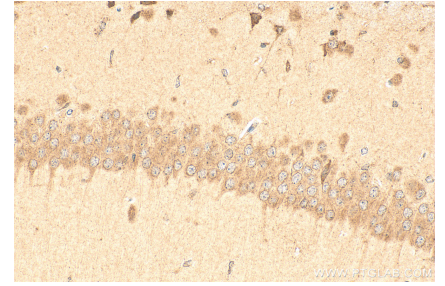
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17317-1-AP (BAT5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17317-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17317-1-AP (BAT5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17317-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17317-1-AP (BAT5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17317-1-PBS in a different storage buffer formulation.