

For Research Use Only

# GATD3 Polyclonal antibody, PBS Only

Catalog Number: 32198-1-PBS



## Basic Information

Catalog Number:

32198-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37527

GenBank Accession Number:

BC002370

GeneID (NCBI):

8209

UNIPROT ID:

PODPI2

Full Name:

chromosome 21 open reading frame  
33

Calculated MW:

268 aa, 28 kDa

Observed MW:

28 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

GATD3A is a member of glutamine amidotransferase-like class 1 domain-containing (GATD) family. GATD proteins classically generate ammonia by amidolysis from the glutamine amide nitrogen, transferring it to an acceptor substrate in a variety of anabolic reactions involving purine and pyrimidine synthesis (PMID: 9575335). GATD3A restricts the formation of AGEs in mitochondria and is a relevant target for diseases where AGE deposition is a pathological hallmark (PMID: 35307029).

## 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:

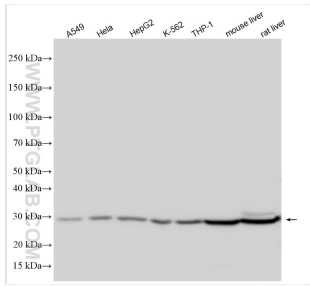
T: 4006900926

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

W: [ptgcn.com](http://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 32198-1-AP (C21orf33 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32198-1-PBS in a different storage buffer formulation.