

For Research Use Only

# GATD3 Polyclonal antibody, PBS Only

Catalog Number: 32198-1-PBS



## Basic Information

**Catalog Number:**

32198-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS only, pH7.3

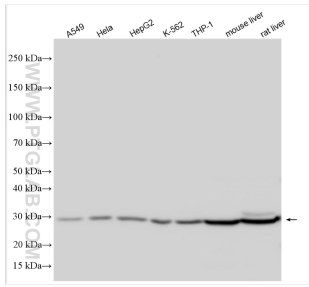
For technical support and original validation data for this product please contact:

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## 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.