

For Research Use Only

C21orf33 Polyclonal antibody

Catalog Number: 32198-1-AP



Basic Information

Catalog Number:

32198-1-AP

Size:

450 ug/ml

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

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: A549 cells, Hela cells, HepG2 cells, K-562 cells, THP-1 cells, mouse liver tissue, rat liver tissue

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

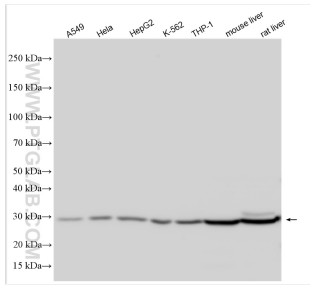
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.