

For Research Use Only

GATD3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88088-1-PBS



Basic Information

Catalog Number:

88088-1-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:

Protein A purification

CloneNo.:

260353D3

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:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88088-1-RR (C21orf33 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88088-1-PBS in a different storage buffer formulation.