

For Research Use Only

GATD3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88088-1-PBS



Basic Information

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| Catalog Number: 88088-1-PBS | GenBank Accession Number: BC002370 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 8209 | CloneNo.: 260353D3 |
| Source: Rabbit | UNIPROT ID: PODPI2 | |
| Isotype: IgG | Full Name: chromosome 21 open reading frame 33 | |
| Immunogen Catalog Number: AG37527 | Calculated MW: 268 aa, 28 kDa | |
| | Observed MW: 28 kDa | |

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

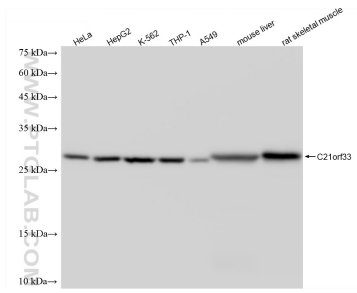
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.