

For Research Use Only

GOT2 Monoclonal antibody, PBS Only



Catalog Number: 67738-1-PBS

Basic Information

Catalog Number:

67738-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6600

GenBank Accession Number:

BC000525

GeneID (NCBI):

2806

UNIPROT ID:

P00505

Full Name:

glutamic-oxaloacetic transaminase 2,
mitochondrial (aspartate
aminotransferase 2)

Calculated MW:

47 kDa

Observed MW:

39-40 kDa

Purification Method:

Protein G purification

CloneNo.:

1B6C6

Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human, mouse, rat, pig, chicken

Background Information

GOT2 encodes the mitochondrial glutamate oxaloacetate transaminase and plays an essential role in the intracellular NAD(H) redox balance. Upregulation of GOT2 has been reported in various cancers, including breast cancer and pancreatic cancer. GOT2 mutation leads to autosomal recessive neurometabolic disorder.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

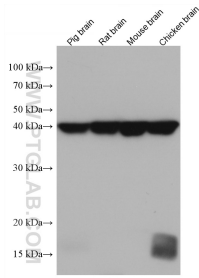
T: 4006900926

E: Proteintech-CN@ptglab.com

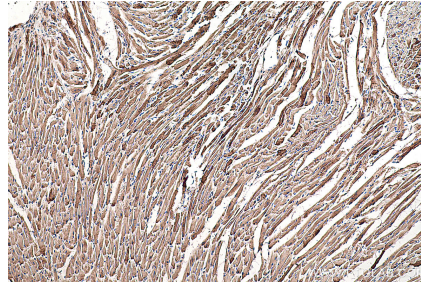
W: ptgcn.com

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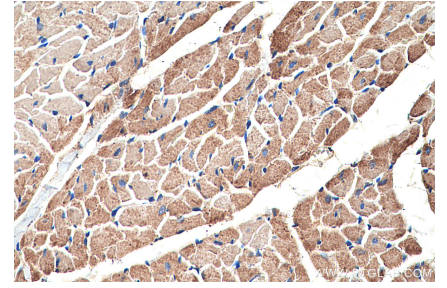
Selected Validation Data



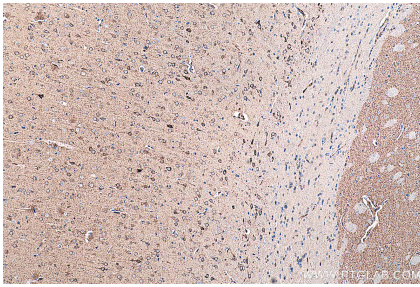
Various lysates were subjected to SDS PAGE followed by western blot with 67738-1-Ig (GOT2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67738-1-PBS in a different storage buffer formulation.



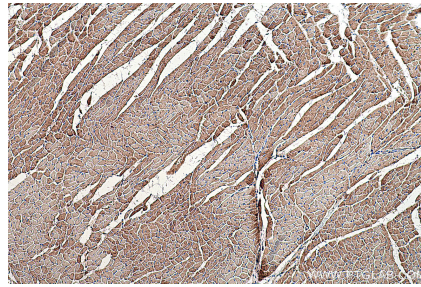
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 67738-1-Ig (GOT2 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67738-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 67738-1-Ig (GOT2 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67738-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67738-1-Ig (GOT2 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67738-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 67738-1-Ig (GOT2 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67738-1-PBS in a different storage buffer formulation.