

À des fins de recherche uniquement

# Anticorps Monoclonal anti-GOT2

Numéro de catalogue: 67738-1-Ig



## Informations de base

Numéro de catalogue: 67738-1-Ig	Numéro d'acquisition GenBank: BC000525	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 2806	CloneNo.: 1B6C6
Hôte: Mouse	Nom complet: glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2)	Dilutions recommandées: IHC 1:4000-1:16000
Isotype: IgG1	MW calculé 47 kDa	
Immunogen Catalog Number: AG6600	MW observés: 39-40 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Spécificité de l'espèce:

Humain, porc, poulet, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : tissu cérébral de porc, cellules A431, cellules HEK-293, cellules HepG2, cerveau de poulet, cerveau de rat, cerveau de souris

IHC : tissu cardiaque de souris, tissu cardiaque de rat, tissu cérébral de rat

## Informations générales

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.

## Stockage

### Stockage:

Stocker à -20 °C.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

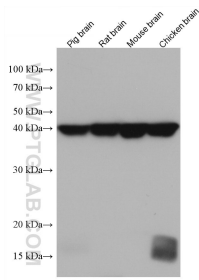
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

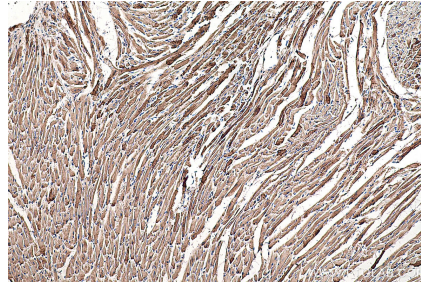
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

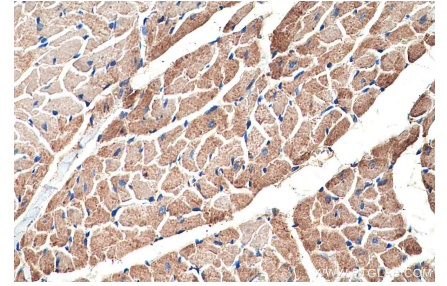
## Données de validation sélectionnées



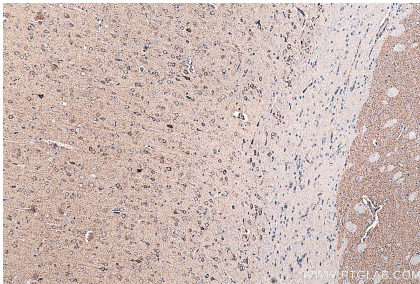
Various lysates were subjected to SDS PAGE followed by western blot with 67738-1-Ig (GOT2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



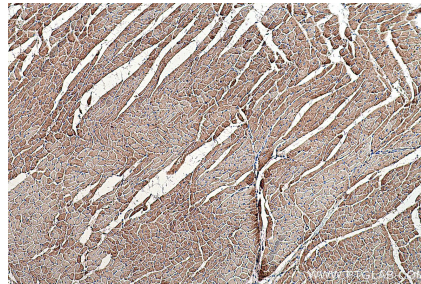
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 67738-1-Ig (GOT2 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).



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).