

Anticorps Monoclonal anti-DAO

Numéro de catalogue: 66296-1-Ig

Informations de base

Numéro de catalogue:

66296-1-Ig

Numéro d'acquisition GenBank:

BC029057

Méthode de purification:

Purification par protéine G

Taille:

150ul, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

1610

CloneNo.:

1C12F4

Hôte:

Mouse

Nom complet:

D-amino-acid oxidase

Dilutions recommandées:

WB 1:1000-1:6000

IHC 1:100-1:400

Isotype:

IgG1

MW calculé

347 aa, 39 kDa

MW observés:

39 kDa

Immunogen Catalog Number:

AG6928

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain, porc, rat

Contrôles positifs:

WB : tissu cérébral de porc, tissu cérébral de rat, tissu cérébral humain foetal, tissu de cervelet de porc, tissu de cervelet de rat

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.

IHC : tissu de gliome humain, tissu de cervelet de souris

Informations générales

D-amino acid oxidase (DAO), with MW of 39 kDa, is a flavoprotein which uses flavin adenine dinucleotide as its prosthetic group. Its substrates include a wide variety of D-amino acids, but it is inactive on the naturally occurring L-amino acids. DAO may play a role in the pathophysiology of schizophrenia and act as a detoxifying agent which removes D-amino acids that accumulate during aging. DAAO exists in solution as a mixture of monomer-dimer (80 kDa) and even higher molecular aggregates in equilibrium (170 kDa), depending on the enzyme concentration and forms (PMID: 11130179/PMID: 9210639).

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

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 -20°C

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

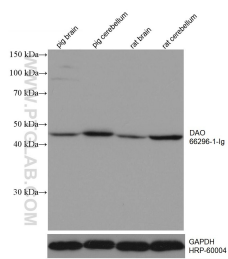
For technical support and original validation data for this product please contact:

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

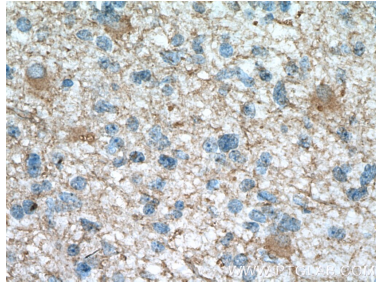
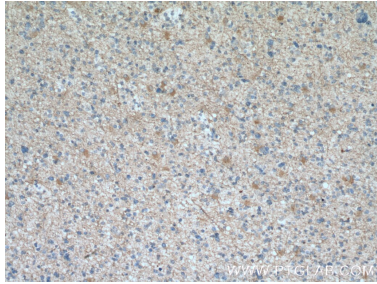
E: proteintech@ptglab.com
W: ptglab.com

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 66296-1-Ig (DAO antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66296-1-Ig (DAO Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).