

Allgemeine Informationen

Katalog-Nr.:

66296-1-Ig

Größe:

150ul, Konzentration: 1000 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

AG6928

GenBank-Zugangsnummer:

BC029057

GeneID (NCBI):

1610

Vollständiger Name:

D-amino-acid oxidase

Berechnete Masse:

347 aa, 39 kDa

Beobachtete Masse:

39 kDa

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

1C12F4

Empfohlene Verdünnungen:

WB 1:1000-1:6000

IHC 1:100-1:400

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Hausschwein, Human, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Hausschwein-Hirngewebe, fetales humanes Hirngewebe, Hausschwein-Cerebellum-Gewebe, Ratten-Cerebellum-Gewebe, Rattenhirngewebe

IHC: humanes Gliomgewebe, Maus-Cerebellum-Gewebe

Hintergrundinformationen

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. DAO 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).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

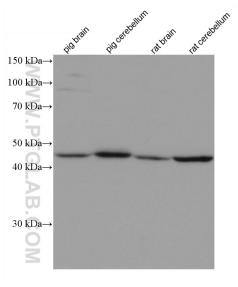
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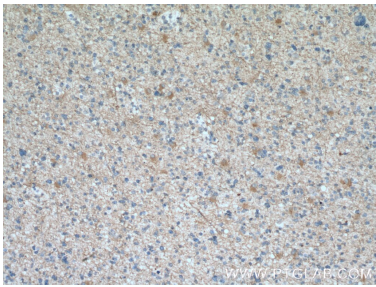
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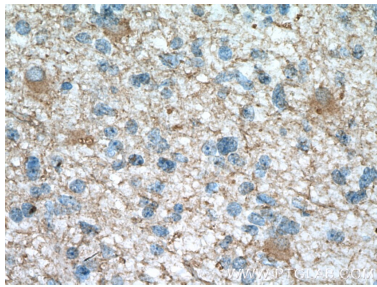
Ausgewählte Validierungsdaten



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.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66296-1-Ig (DAO Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).



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).