



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DAO polyclonal antibody (A01)

Catalog # : H00001610-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant DAO.

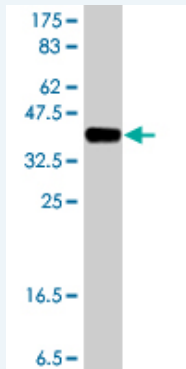
Immunogen: DAO (NP_001908, 119 a.a. ~ 218 a.a) partial recombinant protein with GST tag.

Sequence: PRELDMFPDYGYGWFHTSLILEGKNYLQWLTERLTERGVKFFQRKVES
FEEVAREGADVIVNCTGVWAGALQRDPLLQPGRGQIMKVDAPWMKHFIL
THD

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1610](#)

GeneBank Accession#: [NM_001917](#)

Protein Accession#: [NP_001908](#)

Gene Name: DAO

Gene Alias: DAAO,DAMOX,MGC35381,OXDA

Gene Description: D-amino-acid oxidase

Omim ID: [124050](#), [181500](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the peroxisomal enzyme D-amino acid oxidase. The enzyme is a flavoprotein which uses flavin adenine dinucleotide (FAD) 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. Its biological function is not known; it may act as a detoxifying agent which removes D-amino acids that accumulate during aging. In mice, it degrades D-serine, a co-agonist of the NMDA receptor. This gene may play a role in the pathophysiology of schizophrenia. [provided by RefSeq]

Other Designations: -

Gene Pathway

[Arginine and proline metabolism](#) [D-Arginine and D-ornithine metabolism](#)
[Glycine, serine and threonine metabolism](#) [Metabolic pathways](#)

Related Disease

[Autistic Disorder](#) [Bipolar Disorder](#) [Brief Psychiatric Rating Scale](#) [Celiac Disease](#) [Cognition](#)
[Crohn Disease](#) [Crohn's disease](#) [Genetic Predisposition to Disease](#) [Hypercholesterolemia](#)
[Intelligence Tests](#) [Mood Disorders](#) [Neuropsychological Tests](#) [Personality Tests](#)
[Psychotic Disorders](#) [Schizophrenia](#) [Schizophrenia](#) [Schizophrenic Psychology](#)
[Schizotypal Personality Disorder](#) [Weight Gain](#)