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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 monoclonal antibody (M01), clone 2F5

Catalog # : H00001610-M01

規格 : [100 ug]

[List All](#)

Specification

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

Immunogen: DAO (NP_001908, 119 a.a. ~ 218 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence: PRELDMFPDYGYGWFHTSLILEGKNYLQWLTERLTERGVKFFQRKVES
FEEVAREGADVIVNCTGVWAGALQRDPLLQPGRGQIMKVDAPWWMKHFIL
THD

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.

Storage Buffer: In 1x PBS, pH 7.4

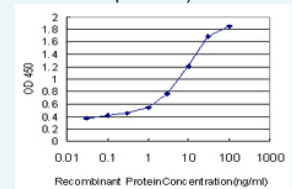
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

Sandwich ELISA (Recombinant protein)

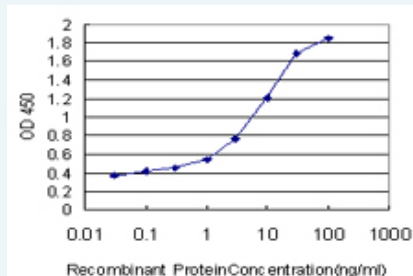


 [enlarge](#)


ELISA

Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged DAO is approximately 0.03ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1610](#)

GeneBank [NM_001917](#)

Accession#:

Protein [NP_001908](#)

Accession#:

Gene Name: DAO

Gene Alias: DAAO,DAMOX,MGC35381,OXDA

Gene Description: D-amino-acid oxidase

Description:

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](#)
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