

Recombinant

DGRmAb®

D Amino Acid Oxidase (DGR14459) Rabbit mAb (PBS Only)

db15294-PBS

Package : 10µg 100µg

Product Name : D Amino Acid Oxidase (DGR14459) Rabbit mAb (PBS Only)**Cat.No.:** db15294-PBS**Synonyms** : DAAO; OXDA; DAMOX**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

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, Jul 2008]

Immunogen

A synthetic peptide of human D Amino Acid Oxidase

Gene ID

1610

Swiss Prot

P14920

Synonyms

DAAO; OXDA; DAMOX

Reactivity

Human

Application

WB

Calculated MW

40 kDa

Observed MW

40 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14459

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.