

Recombinant

DGRmAb®

D Amino Acid Oxidase (DGR14459) Rabbit mAb

db15294

Package : 10µL 20µL 50µL 100µL

Product Name : D Amino Acid Oxidase (DGR14459) Rabbit mAb**Cat.No.:** db15294**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

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

40 kDa

Observed MW

40 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14459

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.