

## DAO Antibody

Catalog No: #32763

Package Size: #32763-1 50ul #32763-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

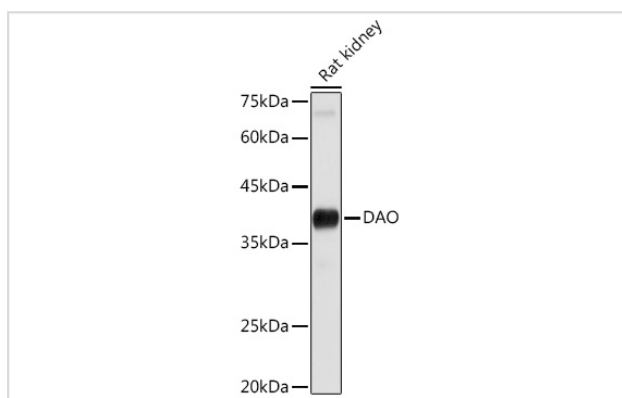
## Description

Product Name	DAO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total DAO protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human DAO (NP_001908.3).
Target Name	DAO
Other Names	DAO;DAAO;DAMOX;OXDA
Accession No.	Uniprot:P14920GeneID:1610
SDS-PAGE MW	39KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

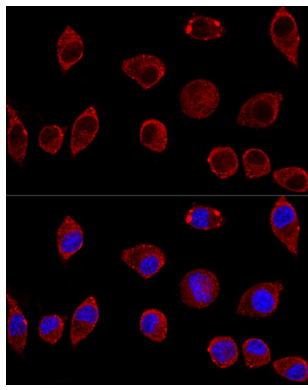
## Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

## Images



Western blot analysis of extracts of Rat kidney, using DAO antibody.



Confocal immunofluorescence analysis of L929 cells using DAO Polyclonal Antibody.

## 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.