

## anti- DAO antibody

### Product Information

Catalog No.:	FNab02235
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

Immunogen:	D-amino-acid oxidase
Synonyms:	DAMOX
Observed MW:	39 kDa
Uniprot ID :	P14920

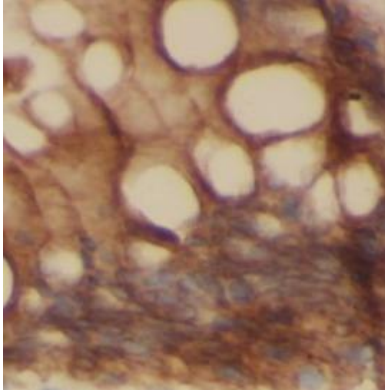
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

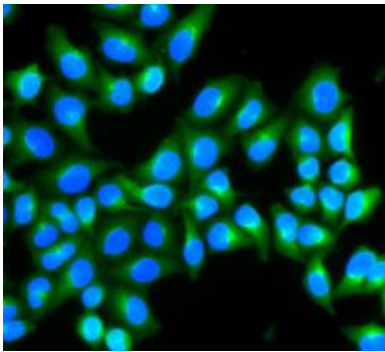
### Wuhan Fine Biotech Co., Ltd.

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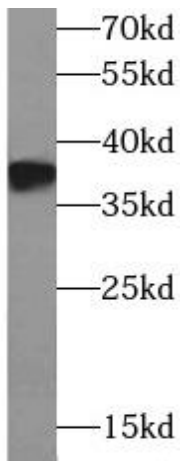
Image:



Immunohistochemistry of paraffin-embedded human colon tissue FNab02235(DAO antibody) at dilution of 1:100



Immunofluorescence analysis of MCF-7 cells using FNab02235( DAO Antibody). Blue: DAPI for nuclear staining.



mouse kidney tissue were subjected to SDS PAGE followed by western blot with FNab02235(DAO antibody) at dilution of 1:1000