

[Go to Product page](#)

Datasheet for ABIN7467218 **anti-DAOA antibody**

Overview

Quantity:	100 µL
Target:	DAOA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAOA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human G72. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	DAOA
Alternative Name:	D-amino acid oxidase activator (DAOA Products)
Background:	D-amino acid oxidase activator , LG72 , SG72, This gene encodes a protein that is an activator of the FAD-dependent enzyme D-amino acid oxidase, which degrades the gliotransmitter D-serine, a potent activator of N-methyl-D-aspartate (NMDA) type glutamate receptors. Polymorphisms

Target Details

in this gene have been implicated in susceptibility to schizophrenia and bipolar affective disorder, possibly due to decreased levels of D-serine and decreased NMDA receptor functioning. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Molecular Weight: 18 kDa

Gene ID: 267012

UniProt: [P59103](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: PC-3

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.