

Datasheet for ABIN94968

anti-D Amino Acid Oxidase antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	D Amino Acid Oxidase (DAO)
Reactivity:	Pig
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This D Amino Acid Oxidase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	D-Amino Acid Oxidase [Pig Kidney] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against D-Amino Acid Oxidase from other tissues and species may occur but have not been specifically determined.
Purity:	Anti-D-AMINO ACID OXIDASE is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep Serum as well as purified and partially purified D-Amino Acid Oxidase [Pig Kidney].
Endotoxin Level:	Low Endotoxin : No

Target Details

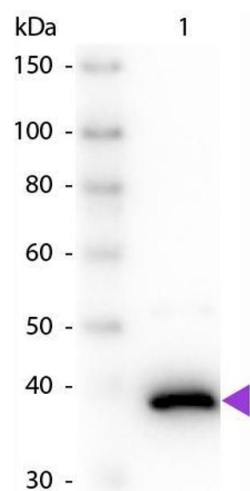
Target:	D Amino Acid Oxidase (DAO)
Alternative Name:	D-Amino Acid Oxidase (DAO Products)
Background:	Synonyms: D-amino-acid oxidase DAMOX DAAO DAO EC=1.4.3.3
Gene ID:	397134
UniProt:	P00371

Application Details

Application Notes:	<p>D-AMINO ACID OXIDASE antibody has been assayed against 1.0 µg of D-Amino Acid Oxidase [Pig Kidney] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Sheep IgG [H&L] (Goat) code #611-1302 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20.000 to 1:60.000 of the reconstitution concentration is suggested for this product.</p> <p>ELISA Dilution: 1:5.000 - 1:20.000</p> <p>IF Immunoprecipitation Dilution: 1:100</p> <p>Western Blot Dilution: 1:500 - 1:5.000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.
Expiry Date:	Expiration date is one (1) year from date of opening.



Western Blotting

Image 1. Western Blot of Sheep anti-D-Amino Acid Oxidase Antibody. Lane 1: D-Amino Acid Oxidase. Lane 2: None. Load: 50 ng per lane. Primary antibody: D-Amino Acid Oxidase primary antibody at 1:1,000 overnight at 4°C. Secondary antibody: Peroxidase sheep secondary antibody at 1:40,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 39 kDa, 39 kDa for D-Amino Acid Oxidase. Other band(s): None.