

Datasheet for ABIN1607773

anti-Alcohol Dehydrogenase (ADH) antibody (Biotin)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Alcohol Dehydrogenase (ADH)
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Alcohol Dehydrogenase [Yeast] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Alcohol Dehydrogenase from other sources may occur but have not been specifically determined.
Purity:	Anti-Alcohol Dehydrogenase 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-Biotin, anti-Rabbit Serum as well as purified and partially purified Alcohol Dehydrogenase [Yeast].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	Alcohol Dehydrogenase (ADH)
Alternative Name:	Alcohol Dehydrogenase (ADH Products)
Background:	Alcohol Dehydrogenase is part of the zinc-containing alcohol dehydrogenase family. Anti-Alcohol Dehydrogenase catalyzes primary branched alcohols to convert to their aldehyde forms and shows some reactivity with secondary alcohols. Localized in the cytoplasm, the Anti-Alcohol Dehydrogenase antibody is ideal for researchers interested in Metabolism, Signal Transduction, and Cancer research. Synonyms: Alcohol dehydrogenase 1 EC=1.1.1.1 Alcohol dehydrogenase I YADH-1
Gene ID:	2538902, 12643994
UniProt:	P00330

Application Details

Application Notes:	<p>Anti-Alcohol Dehydrogenase has been assayed against 1.0 µg of Alcohol Dehydrogenase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 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 1:4.000 to 1:20.000 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

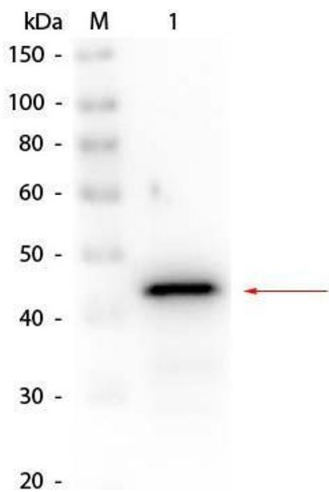
Format:	Liquid
Concentration:	10 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-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

Handling

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.

Images



Western Blotting

Image 1. Western Blot of Rabbit anti-Alcohol Dehydrogenase (Yeast) Antibody Biotin Conjugated. Lane 1: Alcohol Dehydrogenase (yeast). Load: 50 ng per lane. Primary antibody: Rabbit anti-Alcohol Dehydrogenase (Yeast) Antibody Biotin Conjugated at 1:1,000 overnight at 4°C. Secondary antibody: Peroxidase Streptavidin Antibody at 1:40,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 37 kDa, 45 kDa for Alcohol Dehydrogenase (yeast).