Datasheet for ABIN7565722

anti-ADH1 antibody (HRP)

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Overview

Quantity:	25 µL
Target:	ADH1
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH1 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Alcohol Dehydrogenase Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Alcohol Dehydrogenase [Yeast] Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Alcohol Dehydrogenase [Yeast].
Characteristics:	Synonyms: rabbit anti-Alcohol Dehydrogenase Antibody Peroxidase Conjugation, HRP conjugated rabbit ant-Alcohol Dehydrogenase Antibody, Alcohol dehydrogenase 1, Alcohol dehydrogenase I, YADH-1, ADH1, ADC1, ADH, ADC
Purification:	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.
Sterility:	Sterile filtered

Target Details

Target:	ADH1
Alternative Name:	ADH1 (ADH1 Products)
Background:	Background: Alcohol Dehydrogenases (ADH) are a group of dehydrogenase enzymes that occur in many organisms and facilitate the interconversion between alcohols and aldehydes or ketones with the reduction of nicotinamide adenine dinucleotide (NAD+ to NADH). In humans and many other animals, they serve to break down alcohols that otherwise are toxic, and they also participate in generation of useful aldehyde, ketone, or alcohol groups during biosynthesis of various metabolites.
Gene ID:	2538902, 12643994
UniProt:	P00330

Application Details

Application Notes:	Application Note: Anti-Alcohol Dehydrogenase Peroxidase Conjugated Antibody has been tested by ELISA and western blot and is suitable in immunohistochemistry. Optimal titers are to be optimized by researchers. Immunohistochemistry Dilution: 1:500 - 1:2,500 Western Blot Dilution: 1:1,000 - 1:5,000 Immunoprecipitation Dilution: 1:100 ELISA Dilution: 1:4,000 - 1:20,000 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	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 Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiry Date:	12 months