

Datasheet for ABIN568064
anti-ADH1 antibody



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Overview

Quantity:	10 mg
Target:	ADH1
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Enzyme Immunoassay (EIA), Dot Blot (DB), Immunodiffusion (ID), Immunofluorescence (IF), Radioimmunoassay (RIA)

Product Details

Immunogen:	Alcohol dehydrogenase isolated and purified from Baker's Yeast. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and Enzyme Inhibition. Cross-reactivities against enzymes of other sources may occur but have not been determined. Recognizes Alcohol Dehydrogenase.
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography.

Target Details

Target:	ADH1
Alternative Name:	Alcohol Dehydrogenase 1 (ADH1 Products)
Background:	ADH (alcohol dehydrogenase) family of proteins metabolize a variety of substances such as ethanol, retinal, other aliphatic alcohol, hydroxysteroids, and lipid peroxidation products. With the coenzyme NAD, ADH catalyzes the reversible conversion of organic alcohol to ketones or aldehydes. ADH play a major role in ethanol metabolism.Synonyms: ADC1, ADH1, Alcohol dehydrogenase I, O0947, YADH-1, YOL086C
Gene ID:	854068
NCBI Accession:	NP_014555
UniProt:	P00330

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore by adding 1.0 mL of sterile distilled water.
Concentration:	10.0 mg/mL
Buffer:	PBS, pH 7.2 without preservatives and foreign proteins.
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody lyophilized at 2-8 °C and reconstituted at 2-8 °C for one week or (in aliquots) at -20 °C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation.