

Product datasheet for **TA396937S**

ADH1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	WB: 1:500 - 1:2,000 ELISA: 1:5,000 - 1:20,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Alcohol Dehydrogenase [Yeast]
Specificity:	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-Rabbit Serum as well as purified and partially purified Alcohol Dehydrogenase [Yeast]. Cross reactivity against Alcohol Dehydrogenase from other sources may occur but have not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	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. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	<u>P00330</u>

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Background:	Alcohol Dehydrogenase is an enzyme that specifically metabolizes ethanol and their activity or inactivity determines how quickly ethanol is eliminated from the body. Most densely populated in the liver, Alcohol Dehydrogenase can also be found throughout the bodies other tissues. Levels of alcohol dehydrogenase among different populations and their subsequent allele variants have a large impact on the ability to metabolize alcohol and therefore, alcoholism can be seen as having a genetic predisposition as well as environmental. Anti-Alcohol Dehydrogenase (Yeast) Antibody is ideal for investigators in Developmental Biology, Cancer, and Neuroscience.
Synonyms:	rabbit anti-Alcohol Dehydrogenase Antibody, Alcohol dehydrogenase 1, Alcohol dehydrogenase I, YADH-1, ADH1, ADC1, ADH, ADC
Note:	Anti-Alcohol Dehydrogenase has been tested by western blot and is suitable for use in ELISA and immunoprecipitation. Specific conditions for reactivity should be optimized by the end user.