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Datasheet for ABIN7143646  
**anti-ADH1B antibody (AA 2-375) (Biotin)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg                                      |
| Target:              | ADH1B                                       |
| Binding Specificity: | AA 2-375                                    |
| Reactivity:          | Human                                       |
| Host:                | Rabbit                                      |
| Clonality:           | Polyclonal                                  |
| Conjugate:           | This ADH1B antibody is conjugated to Biotin |
| Application:         | ELISA                                       |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human Alcohol dehydrogenase 1B protein (2-375AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | >95%, Protein G purified                                     |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | ADH1B  |
| Alternative Name: | ADH1B ( <a href="#">ADH1B Products</a> )   |
| Background:       | Background: The protein encoded by this gene is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including |

## Target Details

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ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This encoded protein, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster. Two transcript variants encoding different isoforms have been found for this gene

Aliases: ADH beta subunit antibody, ADH1B antibody, ADH1B\_HUMAN antibody, ADH2 antibody, Alcohol dehydrogenase 1B antibody, alcohol dehydrogenase 2 (class I), beta polypeptide antibody, Alcohol dehydrogenase 2 antibody, Alcohol dehydrogenase subunit beta antibody, Aldehyde reductase antibody, DKFZp686C06125 antibody, OTTHUMP00000220192 antibody

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UniProt: [P00325](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.