

Datasheet for ABIN7467367 **anti-ADH1B antibody**



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Overview

Quantity:	100 µL
Target:	ADH1B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Alcohol dehydrogenase 1B. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Drosophila melanogaster, Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ADH1B
Alternative Name:	alcohol dehydrogenase 1B (class I), beta polypeptide (ADH1B Products)
Background:	Alcohol dehydrogenase 1B (class I), beta polypeptide , ADH2 , HEL-S-117, 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 ethanol, retinol, other aliphatic alcohols,

Target Details

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. [provided by RefSeq]

Molecular Weight: 40 kDa

Gene ID: 125

UniProt: [P00325](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: Raji , Neuro2A , NIH-3T3 , Raw264.7 , C2C12 , mouse white adipose , PC-12 , Rat-2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.62 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.