



Datasheet for ABIN1678576  
**anti-ADH1B antibody (AA 206-375)**



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2 Images

Overview

Quantity:	100 µg
Target:	ADH1B
Binding Specificity:	AA 206-375
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADH1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 206-375 of human ADH1B (NP_000659.2).
Sequence:	LSAVMGCKAA GAARIIVDI NKDKFAKAKE LGATECINPQ DYKKPIQEV L KEMTDGGVDF SFEVIGRLDT MMASLLCCHE ACGTSVIVGV PPASQNLSIN PMLLLTGRTW KGAVYGGFKS KEGIPKLVAD FMAKKFSLDA LITHVLPFEK INEGFDLLHS GKSIRTVLTF
Isotype:	IgG
Cross-Reactivity:	Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	ADH1B
Alternative Name:	ADH1B ( <a href="#">ADH1B Products</a> )
Background:	<p>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, 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.,ADH1B,ADH2,HEL-S-117,Signal Transduction,Endocrine &amp; Metabolism,Neuroscience,Neurodegenerative Diseases Markers,Other Neurological disorders,ADH1B</p>
Molecular Weight:	35 kDa/39 kDa
Gene ID:	125
UniProt:	<a href="#">P00325</a>

## Application Details

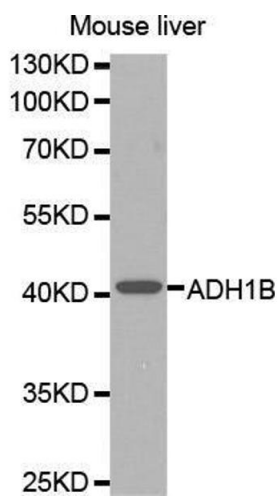
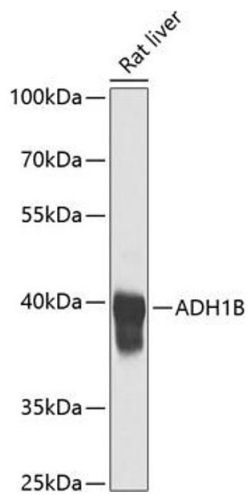
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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 at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of rat liver, using B antibody (ABIN1678576, ABIN3015487, ABIN3015488 and ABIN6218524) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

### Western Blotting

**Image 2.**