

## ADH1B

**Reactivity:**Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**40kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human ADH1B

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

DH2; DKFZp686C06125

**Catalog #:**A1431

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**125

**Isotype:**IgG

**Swiss Prot:**P00325

**Purity:**Affinity purification

For research use only.

**Background:**

The ADH1B gene encodes the beta subunit of class I alcohol dehydrogenase (ADH), an enzyme that catalyzes the rate-limiting step for ethanol metabolism: the oxidation of alcohol to acetaldehyde. Class 1 ADH is a homo- or heterodimeric molecule, formed by the association of 3 types of class I ADH subunits, alpha (ADH1A), beta, and gamma(ADH1C). ADH1B is also named as ADH2 and belongs to the zinc-containing alcohol dehydrogenase family. This protein can exist as a homodimer(PMID:19365573). This antibody is specific to ADH1B.

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