

## ADH1B Polyclonal Antibody

catalog number: E-AB-19317

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

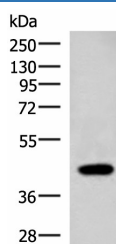
Reactivity	Human
Immunogen	Synthetic peptide of human ADH1B
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

### Recommended Dilution

WB	1:1000-1:5000
IHC	1:50-1:300

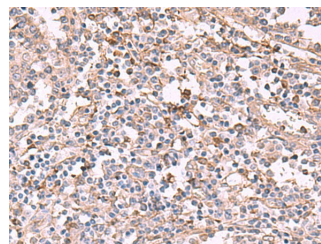
### Data



Western blot analysis of Raji cell lysate using ADH1B Polyclonal Antibody at dilution of 1:1000

**Observed-MV:Refer to figures**

**Calculated-MV:40 kDa**



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ADH1B Polyclonal Antibody at dilution of 1:55(×200)

### Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### 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 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.