

## Rabbit ADH1B Polyclonal Antibody | anti-ADH1B antibody

ADH1B antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                               | APPLICATIONS                       |
|-----------|--------|--------------------------------------------------------------------------|------------------------------------|
| AAA198994 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish | Immunohistochemistry, Western Blot |

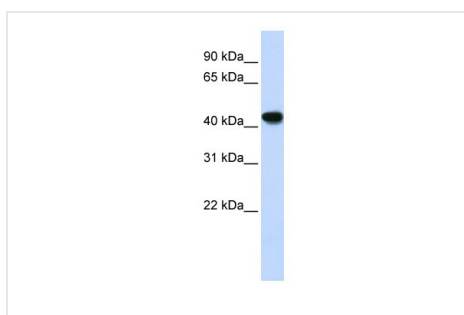
### PRODUCT SYNONYMS

ADH1B; Polyclonal Antibody; ADH1B antibody - N-terminal region; anti-ADH1B antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish                                                                              |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: ST AGKVIKCKAA VLWEVKKPFS IEDVEVAPPK AYEVRIMVA VGICHTDD                                                   |
| Sequence Length                                 | 375                                                                                                                                                   |
| Applicable Applications for anti-ADH1B antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                        | Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Yeast: 93%; Zebrafish: 93%                           |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the N terminal region of human ADH1B                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

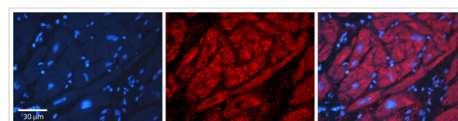
### IMAGES



#### WB (Western Blot)

WB Suggested Anti-ADH1B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive

Control: Human Lung



#### IHC (Immunohistochemistry)

Rabbit Anti-ADH1B Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart  
Tissue Observed Staining: Cytoplasmic  
Primary Antibody Concentration: N/A Other Working  
Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody  
Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ADH1B antibody | <p>This is a rabbit polyclonal antibody against ADH1B. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: ADH1B 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 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Product Categories/Family for anti-ADH1B antibody   | Polyclonal; <a href="#">Drugs and Drug Metabolism</a> ; <a href="#">Tissue Specific &amp; Cell Marker</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | <a href="#">34577061</a>                             |
| NCBI GeneID                      | <a href="#">125</a>                                  |
| NCBI Accession #                 | <a href="#">NP_000659</a>                            |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000668</a>                            |
| UniProt Accession #              | <a href="#">P00325</a>                               |
| Molecular Weight                 | 40kDa                                                |
| NCBI Official Full Name          | alcohol dehydrogenase 1B isoform 1                   |
| NCBI Official Synonym Full Names | alcohol dehydrogenase 1B (class I), beta polypeptide |
| NCBI Official Symbol             | ADH1B                                                |
| NCBI Official Synonym Symbols    | ADH2; HEL-S-117                                      |
| NCBI Protein Information         | alcohol dehydrogenase 1B                             |
| UniProt Protein Name             | Alcohol dehydrogenase 1B                             |
| UniProt Gene Name                | <b>ADH1B</b>                                         |
| UniProt Synonym Gene Names       | ADH2                                                 |
| UniProt Entry Name               | ADH1B_HUMAN                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/adh1b-antibody-immunohistochemistry-western-blot-elisa/198994>