

## Alcohol Dehydrogenase Antibody

**CAB14701**

### Description

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This Alcohol Dehydrogenase Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|----------------------|---|
| <b>SKU:</b>          | CAB14701  |
| <b>Contents:</b>     | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml) |
| <b>Category:</b>     | Polyclonal Antibody                             |
| <b>Synonyms:</b>     | ADH1A, ADH1, Alcohol Dehydrogenase              |
| <b>Clone:</b>        | -   |
| <b>Applications:</b> | WB   ELISA                                      |
| <b>Conjugation:</b>  | Unconjugated                                    |
| <b>Reactivity:</b>   | Human, Rat                                      |

### Antibody Data

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|                       |                       |
|-----------------------|-----------------------|
| <b>Gene ID:</b>       | 124                   |
| <b>Uniprot:</b>       | AB_2761576            |
| <b>Host Species:</b>  | Rabbit                |
| <b>Purification:</b>  | Affinity purification |
| <b>Observed MW:</b>   | 40kDa                 |
| <b>Calculated MW:</b> | 40kDa                 |

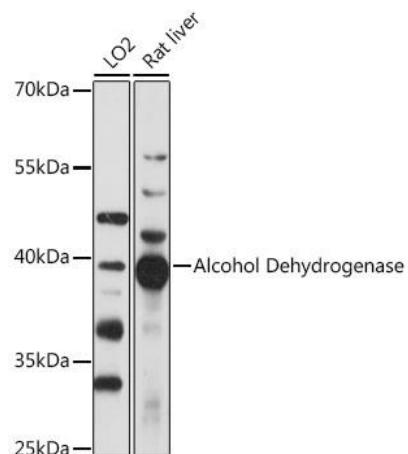
## Preparation & Storage

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|---|--|-----------|----------------|--------------|---|
| <b>Storage:</b>                           | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.  |           |                |              |   |
|   | Store Bradford Reagent at Room Temperature for 1 Year.   |           |                |              |   |
| <b>Positive Sample:</b>                   | LO2, Rat liver   |           |                |              |   |
| <b>Recommended Dilutions:</b>             | <table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:2000</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>    | <b>WB</b> | 1:500 - 1:2000 | <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>WB</b>                                 | 1:500 - 1:2000   |           |                |              |   |
| <b>ELISA</b>                              | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.  |           |                |              |   |
| <b>Protein Quantification (Optional):</b> | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol |           |                |              |   |

## Validation Data

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Western blot analysis of various lysates using Alcohol Dehydrogenase Rabbit pAb (CAB14701) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.