**Product datasheet**

**Anti-ALDH2 antibody ab194587**

### Overview

**Product name**
Anti-ALDH2 antibody

**Description**
Rabbit polyclonal to ALDH2

**Host species**
Rabbit

**Tested applications**
Suitable for: IHC-P, WB

**Species reactivity**
Reacts with: Mouse, Rat, Human

**Predicted to work with**: Horse, Cow, Pig, Orangutan

**Immunogen**
Recombinant fragment corresponding to Human ALDH2 aa 1-400.

Database link: [P05091](http://example.com/)

**Positive control**
Extracts of rat liver and mouse lung cell lines; Mouse esophagus tissue; Human stomach tissue; Human lung cancer tissue.

**General notes**
The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As.

### Properties

**Form**
Liquid

**Storage instructions**

**Storage buffer**
PpH: 7.30
Preservative: 0.02% Sodium azide
Constituents: 49% PBS, 50% Glycerol

**Purity**
Immunogen affinity purified

**Clonality**
Polyclonal

**Isotype**
IgG
The Abpromise guarantee

Our Abpromise guarantee covers the use of ab194587 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td></td>
<td>1/50 - 1/200. ab171870 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.</td>
</tr>
</tbody>
</table>

Target

<table>
<thead>
<tr>
<th>Pathway</th>
<th>Alcohol metabolism; ethanol degradation; acetate from ethanol: step 2/2.</th>
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</thead>
<tbody>
<tr>
<td>Sequence similarities</td>
<td>Belongs to the aldehyde dehydrogenase family.</td>
</tr>
<tr>
<td>Cellular localization</td>
<td>Mitochondrion matrix.</td>
</tr>
</tbody>
</table>

Images

Immunohistochemical analysis of paraffin embedded Mouse esophagus tissue labeling ALDH2 with ab194587 at 1/200 dilution.
Immunohistochemistry analysis of paraffin embedded Human stomach tissue labeling ALDH2 with ab194587 at 1/200 dilution.

Immunohistochemistry analysis of Human lung cancer tissue labeling ALDH2 with ab194587 at 1/200 dilution.
All lanes : Anti-ALDH2 antibody (ab194587) at 1/500 dilution

Lane 1 : Extract of rat liver cell line
Lane 2 : Extract of mouse lung cell line

Predicted band size: 56 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

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