

Datasheet: VPA00299

**BATCH NUMBER 160411**

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | RABBIT ANTI ADHFE1     |
| <b>Specificity:</b>  | ADHFE1                 |
| <b>Format:</b>       | Purified               |
| <b>Product Type:</b> | PrecisionAb Polyclonal |
| <b>Isotype:</b>      | Polyclonal IgG         |
| <b>Quantity:</b>     | 100 µl                 |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪   |    |                | 1/1000             |

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

|                                 |  |
|---------------------------------|--|
| <b>Target Species</b>           | Human  |
| <b>Product Form</b>             | Purified IgG - liquid  |
| <b>Preparation</b>              | Rabbit polyclonal antibody purified by affinity chromatography             |
| <b>Buffer Solution</b>          | Phosphate buffered saline  |
| <b>Preservative Stabilisers</b> | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>2% Sucrose                       |
| <b>Immunogen</b>                | Synthetic peptide corresponding to the central region of human ADHFE1      |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="#">Q8IWW8</a> <a href="#">Related reagents</a> |

**Entrez Gene:**

[137872](#) ADHFE1 [Related reagents](#)

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|                                      |  |
|--------------------------------------|--|
| <b>Specificity</b>                   | <b>Rabbit anti Human ADHFE1 antibody</b> recognizes ADHFE1 also known as iron-containing alcohol dehydrogenase 1, alcohol dehydrogenase 8 and hydroxyacid-oxoacid transhydrogenase, mitochondrial.<br><br>The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues ( <a href="#">Kardon et al. 2006</a> ).<br><br>Rabbit anti Human ADHFE1 antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using human tissue and whole cell lysates. |
| <b>Western Blotting</b>              | Anti ADHFE1 detects a band of approximately 50 kDa in human liver tissue   |
| <b>Storage</b>                       | Store undiluted at -20°C, avoiding repeated freeze thaw cycles   |
| <b>Guarantee</b>                     | 12 months from date of despatch  |
| <b>Acknowledgements</b>              | PrecisionAb is a trademark of Bio-Rad Laboratories.  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10045 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00299">https://www.bio-rad-antibodies.com/SDS/VPA00299</a><br>Antibody (10045)   |
| <b>Regulatory</b>                    | For research purposes only   |

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

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Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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