

## Datasheet: VPA00300

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | RABBIT ANTI ALDH1B1     |
| <b>Specificity:</b>  | ALDH1B1                 |
| <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             |

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. 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 dependant 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 ALDH1B1                                                                                                |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="#">P30837</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">219</a> ALDH1B1 <a href="#">Related reagents</a> |
| <b>Synonyms</b>                 | ALDH5, ALDHX                                                                                                                                                          |
| <b>Specificity</b>              | <b>Rabbit anti Human ALDH1B1 antibody</b> recognizes ALDH1B1 also known as ALDH class 2, aldehyde dehydrogenase 5 and aldehyde dehydrogenase X, mitochondrial.        |

ALDH1B1 belongs to the aldehyde dehydrogenase family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism (provided by RefSeq, Jul 2008).

Rabbit anti Human ALDH1B1 antibody detects a band of 57 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

|                                      |                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Western Blotting</b>              | Anti ALDH1B1 detects a band of approximately 57 kDa in Raji cell lysate                                                                                                                                             |
| <b>Instructions For Use</b>          | Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.                                       |
| <b>Storage</b>                       | Store undiluted at -20°C, avoiding repeated freeze thaw cycles                                                                                                                                                      |
| <b>Shelf Life</b>                    | As supplied, 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:<br>Antibody (10045): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf</a> |
| <b>Regulatory</b>                    | For research purposes only                                                                                                                                                                                          |

## Related Products

### Recommended Secondary Antibodies

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

|                                  |                                                                                                                                         |                  |                                                                                                                                                 |               |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
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