

## Datasheet: VPA00568

<b>Description:</b>	GOAT ANTI LDHB
<b>Specificity:</b>	LDHB
<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>	Goat polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 0.5% Bovine Serum Albumin.
<b>Immunogen</b>	Peptide sequence C-NARGLTSVINQKLK

#### External Database Links

##### UniProt:

[P07195](#)

[Related reagents](#)

##### Entrez Gene:

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**Specificity** **Goat anti Human LDHB antibody** recognizes the L-lactate dehydrogenase B chain, also known as LDH heart subunit, epididymis secretory protein Li 281, lactate dehydrogenase H chain or renal carcinoma antigen NY-REN-46.

The LDHB gene encodes an enzyme which catalyzes the reversible conversion of lactate, pyruvate, NAD and NADH, in the glycolytic pathway. Mutations in LDHB are associated with Lactate dehydrogenase B deficiency ([LDHBD](#)). Pseudogenes have been identified on the X chromosome and on chromosome. Multiple alternatively spliced variants, encoding the same protein, have been identified (provided by RefSeq, Mar 2010).

Goat anti Human LDHB antibody detects a band of 37 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti LDHB detects a band of approximately 37 kDa in A549 cell lysates.

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety Information** Material Safety Datasheet documentation #10058 available at: Antibody (10058): <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

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**Regulatory** For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...)[HRP](#)

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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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