

Datasheet: VPA00568

BATCH NUMBER 160712

Description:	GOAT ANTI LDHB
Specificity:	LDHB
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - liquid.
Preparation	Goat polyclonal antibody purified by affinity chromatography.
Buffer Solution	TRIS buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin.
Immunogen	Peptide sequence C-NARGLTSVINQKLK
External Database Links	UniProt: P07195 Related reagents

Entrez Gene:

[3945](#) LDHB [Related reagents](#)

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.

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

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

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information Material Safety Datasheet documentation #10058 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00568>
Antibody (10058)

Regulatory For research purposes only.

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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