

Datasheet: VPA00568

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

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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	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
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 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: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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Printed on 02 May 2018