

Datasheet: VPA00516

BATCH NUMBER 160712

Description:	GOAT ANTI LDHA
Specificity:	LDHA
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

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid.

Preparation

Goat polyclonal antibody purified by affinity chromatography.

Buffer Solution

TRIS buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

0.5% Bovine Serum Albumin.

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Peptide sequence C-SDLVKVTLTSE
External Database Links	<p>UniProt: P00338 Related reagents</p> <p>Entrez Gene: 3939 LDHA Related reagents</p>
Specificity	<p>Goat anti Human LDHA antibody recognizes L-lactate dehydrogenase A chain, also known as LDH muscle subunit, cell proliferation-inducing gene 19 protein, epididymis secretory sperm binding protein Li 133P, lactate dehydrogenase M or renal carcinoma antigen NY-REN-59.</p> <p>The protein encoded by the LDHA gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in LDHA causes glycogen storage disease 11 (GSD11), a condition characterized by exertional myoglobinuria, pain, cramps and easy fatigue (Kanno et al. 1988). Multiple transcript variants encoding different isoforms have been found for LDHA. The human genome contains several non-transcribed pseudogenes of LDHA (provided by RefSeq, Sep 2008).</p> <p>Goat anti Human LDHA antibody detects a band of 33 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti LDHA detects a band of approximately 33 kDa in HeLa 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/VPA00516 Antibody (10058)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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