

Datasheet: VPA00516

**BATCH NUMBER 160712**

<b>Description:</b>	GOAT ANTI LDHA
<b>Specificity:</b>	LDHA
<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>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</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.</p>
<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>	<p>0.09% Sodium Azide (NaN<sub>3</sub>)</p> <p>0.5% Bovine Serum Albumin.</p>

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Peptide sequence C-SDLVKVTLTSE
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P00338</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3939</a> LDHA    <a href="#">Related reagents</a></p>
<b>Specificity</b>	<p><b>Goat anti Human LDHA antibody</b> 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 (<a href="#">GSD11</a>), a condition characterized by exertional myoglobinuria, pain, cramps and easy fatigue (<a href="#">Kanno et al. 1988</a>). 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>
<b>Western Blotting</b>	Anti LDHA detects a band of approximately 33 kDa in HeLa cell lysates.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	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 #10058 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00516">https://www.bio-rad-antibodies.com/SDS/VPA00516</a> Antibody (10058)
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

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

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