

**bs-34202R****[ Primary Antibody ]****LDHA Rabbit pAb****Bioss**  
**ANTIBODIES**

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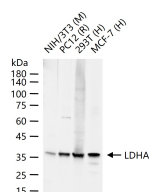
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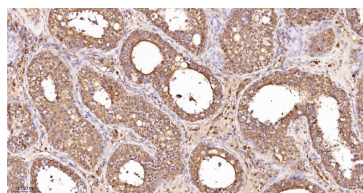
400-901-9800

**— DATASHEET —**

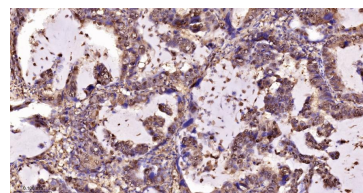
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 3939	<b>SWISS:</b> P00338	<b>IHC-F</b> (1:100-500)
<b>Target:</b> LDHA		<b>IF</b> (1:100-500)
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human, Mouse, Rat
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Predicted MW.:</b> 37 kDa
<b>Background:</b> The protein encoded by this 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 this gene have been linked to exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene. [provided by RefSeq].		<b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with LDHA polyclonal antibody, unconjugated (bs-34202R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with LDHA Polyclonal Antibody, Unconjugated (bs-34202R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with LDHA Polyclonal Antibody, Unconjugated (bs-34202R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

**— SELECTED CITATIONS —**

- **[IF=5.6]** Hu Yile. et al. L-arginine combination with 5-fluorouracil inhibit hepatocellular carcinoma cells through suppressing iNOS/NO/AKT-mediated glycolysis. FRONT PHARMACOL. 2024 May;15: WB ;Rat,Human. 38841361
- **[IF=6]** Chang Zhibo. et al. NCAPD3 contributes to lung cancer progression through modulated lactate-induced histone lactylation and MEK/ERK/LDHA axis. CANCER CELL INT. 2025 Dec;25(1):1-13 WB,IHC ;Mouse,Human. 40410796
- **[IF=2.2]** Danhong Li. et al. N6-methyladenosine methyltransferase METTL3 facilitates the aerobic glycolysis of non-small cell lung cancer cells by activating the PI3K/AKT/mTOR pathway. BIOCHEM BIOPH RES CO. 2025 Jul;:152337 WB ;Human. 40706246
- **[IF=0]** Zongwang Zhang. et al. AARS2 ameliorates myocardial ischemia via fine-tuning PKM2-mediated metabolism. ELIFE. 2025 五月 15 WB ;Mouse,Rat. 40371904