

**bs-1810R****[ Primary Antibody ]****Bioss**  
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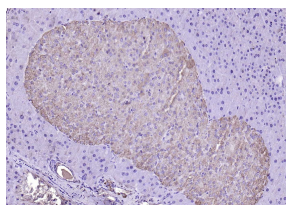
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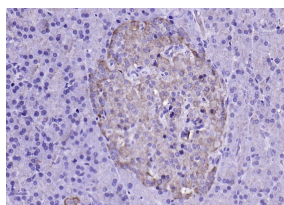
400-901-9800

**LDHA Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:400-800) <b>IHC-F</b> (1:400-800) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow)  <b>Predicted MW.:</b> 37 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 3939	<b>SWISS:</b> P00338	
<b>Target:</b> LDHA		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human LDHA: 261-361/361.		
<b>Purification:</b> affinity purified by Protein A		
<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>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].		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LDHA) Polyclonal Antibody, Unconjugated (bs-1810R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LDHA) Polyclonal Antibody, Unconjugated (bs-1810R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=5.2]** Mengqi Li. et al. Hypoxia Promotes the In Vitro Proliferation of Buffalo Spermatogonial Cells by Increasing Lactate and H3K18la Lactylation Levels. CELLS-BASEL. 2025 Jan;14(11):832 IF, WB, IHC ; Bovine. 40498008
- **[IF=2.5]** Nannan Li. et al. Revealing the effects of lactate on bovine SCNT embryo development through transcriptome sequencing analyses. THERIOGENOLOGY. 2025 Apr;236:137 IF ; Bovine. 39951848
- **[IF=2.136]** Yu CL et al. AMP-activated protein kinase negatively regulates heat treatment-induced lactate secretion in cultured boar sertoli cells. Theriogenology. 2018 Nov;121:35-41. WB ; boar. 30125826