

**LDHA Antibody (C-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF4086a

## Specification

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### LDHA Antibody (C-Term) - Product Information

Application	<b>WB</b>
Primary Accession	<a href="#">P00338</a>
Other Accession	<a href="#">NP_005557.1</a> , <a href="#">NP_001128711.1</a> , <a href="#">NP_001158886.1</a> , <a href="#">3939</a>
Reactivity	<b>Human</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Concentration	<b>0.5 mg/ml</b>
Isotype	<b>IgG</b>
Calculated MW	<b>36689</b>

### LDHA Antibody (C-Term) - Additional Information

**Gene ID** 3939

#### Other Names

L-lactate dehydrogenase A chain, LDH-A, 1.1.1.27, Cell proliferation-inducing gene 19 protein, LDH muscle subunit, LDH-M, Renal carcinoma antigen NY-REN-59, LDHA

#### Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

LDHA Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

### LDHA Antibody (C-Term) - Protein Information

**Name** LDHA ([HGNC:6535](#))

#### Function

Interconverts simultaneously and stereospecifically pyruvate and lactate with concomitant interconversion of NADH and NAD(+).

#### Cellular Location

Cytoplasm.

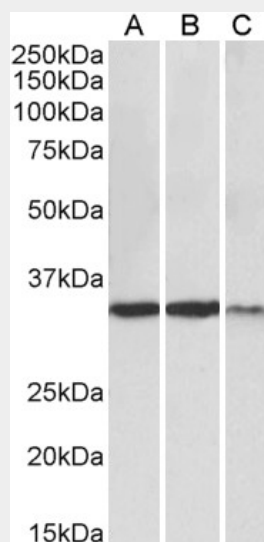
**Tissue Location**

Predominantly expressed in anaerobic tissues such as skeletal muscle and liver.

**LDHA Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**LDHA Antibody (C-Term) - Images**

AF4086a (0.3  $\mu\text{g/ml}$ ) staining of Heart (A), Skeletal Muscle (B) and Kidney (C) lysates (35  $\mu\text{g}$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**LDHA Antibody (C-Term) - Background**

This antibody is expected to recognize isoform 1, 2 and 3 (NP\_005557.1; NP\_001128711.1; NP\_001158886.1).

**LDHA Antibody (C-Term) - References**

Inhibition of LDH-A by lentivirus-mediated small interfering RNA suppresses intestinal-type gastric cancer tumorigenicity through the downregulation of Oct4. Zhang Y, Zhang X, Wang X, Gan L, Yu G, Chen Y, Liu K, Li P, Pan J, Wang J, Qin S. Cancer letters 2012 Aug 321 (1): 45-54. PMID: 22429998