

**Lactate Dehydrogenase Antibody**  
Rabbit mAb  
Catalog # AP90387**Specification**

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**Lactate Dehydrogenase Antibody - Product Information**

Application	WB, IHC, FC, ICC, IP
Primary Accession	<a href="#">P00338</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
LDHA; LDH-M; LDH1; PIG19; GSD11; TRG5; Proliferation inducing gene 19;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	36689 Da

**Lactate Dehydrogenase Antibody - Additional Information**

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Lactate Dehydrogenase
Description	Lactate dehydrogenase (LDH) catalyzes the interconversion of pyruvate and NADH to lactate and NAD <sup>+</sup> . When the oxygen supply is too low for mitochondrial ATP production, this reaction recycles NADH generated in glycolysis to NAD <sup>+</sup> , which reenters glycolysis. The major form of LDH found in muscle cells is the A (LDHA) isozyme.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Lactate Dehydrogenase Antibody - 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**

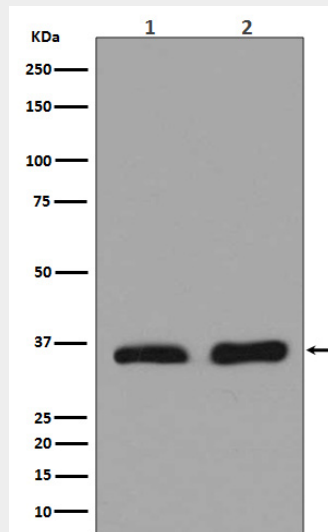
Predominantly expressed in anaerobic tissues such as skeletal muscle and liver.

### Lactate Dehydrogenase Antibody - 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](#)

### Lactate Dehydrogenase Antibody - Images



Western blot analysis of LDHA expression in (1)Hela cell lysate;(2)Human heart lysate.