

**Product Name: Lactate Dehydrogenase A Rabbit
Monoclonal Antibody
Catalog #: AMRe01531**

Summary

Production Name	Lactate Dehydrogenase A Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	LDHA
Alternative Names	LDHA; LDH-M; LDH1; PIG19; GSD11; TRG5; Proliferation inducing gene 19
Gene ID	3939
SwissProt ID	P00338

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 37 kDa

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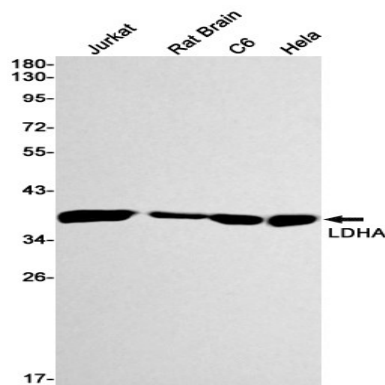
Background

Lactate dehydrogenase (LDH) catalyzes the interconversion of pyruvate and NADH to lactate and NAD⁺. When the oxygen supply is too low for mitochondrial ATP production, this reaction recycles NADH generated in glycolysis to NAD⁺, which reenters glycolysis. The major form of LDH found in muscle cells is the A (LDHA) isozyme.

Research Area

Signal Transduction

Image Data



Western blot analysis of LDHA in Jurkat, rat Brain, C6, HeLa lysates using Lactate Dehydrogenase A antibody.

Note

For research use only.