

产品名称: Lactate Dehydrogenase A Rabbit Monoclonal Antibody  
产品货号: AMRe03782



## 产品概述 (Summary)

产品名称 (Production Name)	Lactate Dehydrogenase A Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

## 产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

## 免疫原信息 (Immunogen)

基因名 (Gene Name)	LDHA
别名 (Alternative Names)	LDHA; LDH-M; LDH1; PIG19; GSD11; TRG5; Proliferation inducing gene 19
基因 ID (Gene ID)	3939
蛋白 ID (SwissProt ID)	P00338.

## 产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 37 kDa; Observed MW: 37 kDa

## 研究背景 (Background)

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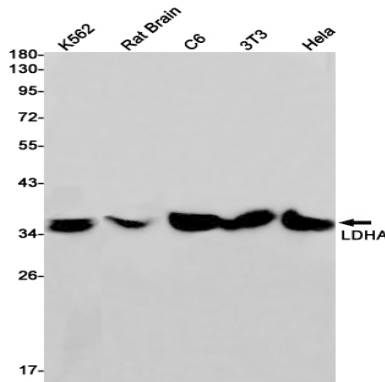


Lactate dehydrogenase (LDH) catalyzes the interconversion of pyruvate and NADH to lactate and NAD<sup>+</sup>. When the oxygen supply is too low for mitochondrial ATP production, this reaction recycles NADH generated in glycolysis to NAD<sup>+</sup>, which reenters glycolysis. The major form of LDH found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

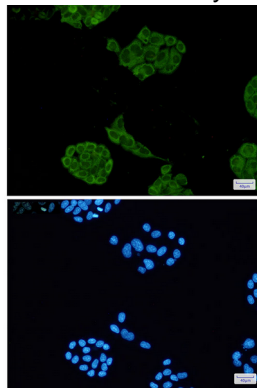
## 研究领域 (Research Area)

Signal Transduction

## 图片 (Image Data)

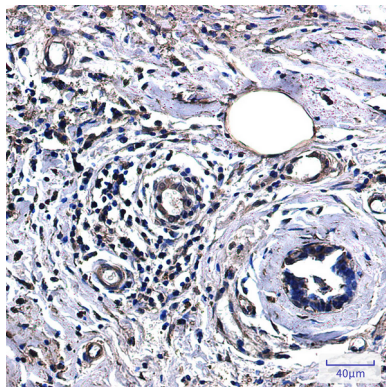


Western blot analysis of LDHA in K562, rat Brain, C6, 3T3, HeLa lysates using Lactate Dehydrogenase A antibody.



Immunocytochemistry analysis of Lactate Dehydrogenase (green) in HeLa using Lactate Dehydrogenase antibody, and DAPI (blue)

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Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Lactate Dehydrogenase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

#### 注意事项 (Note)

For research use only .