

**PAB370Hu01**

**Polyclonal Antibody to Lactate Dehydrogenase A (LDHA)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

---

13th Edition (Revised in Aug, 2023)

### **[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 100μL

**Cross Reactivity:** Mouse;Porcine

**Applications:** WB; IHC; ICC/IF

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant LDHA (Met1~Phe332 plus VPVC between Ser197 and Val198) expressed in *E.coli*

**Accession No.:** RPB370Hu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunocytochemistry: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

### **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

### **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

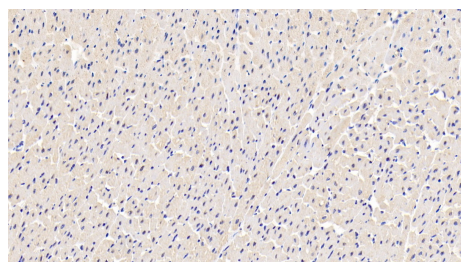
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined

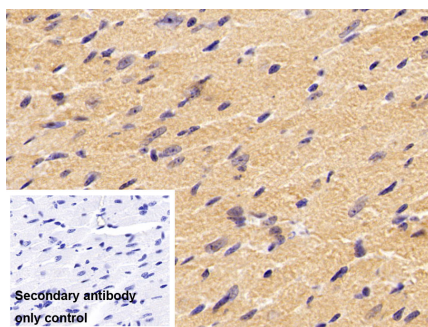
by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]



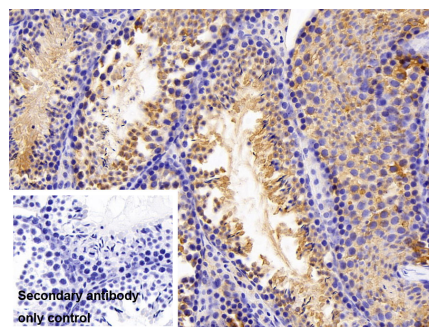
DAB staining on IHC-P; Samples:

Human Cardiac Muscle Tissue; Primary Ab: 20?g/ml Rabbit Anti-Human LDHA Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



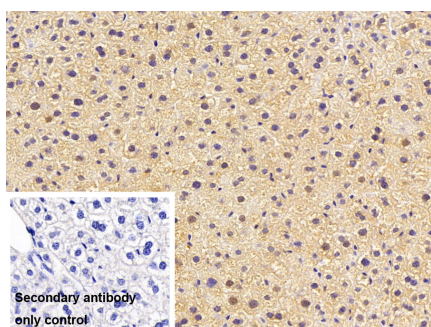
DAB staining on IHC-P;

Sample: Mouse Cardiac Muscle Tissue Primary Ab: 10µg/ml Rabbit Anti-Human LDHA Antibody Control: Used PBS instead of primary antibody Second Ab: 2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



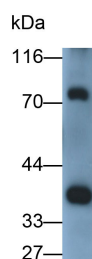
DAB staining on IHC-P;

Sample: Mouse Testis Tissue Primary Ab: 10µg/ml Rabbit Anti-Human LDHA Antibody Control: Used PBS instead of primary antibody Second Ab: 2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



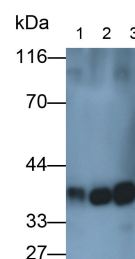
DAB staining on IHC-P;

Sample: Mouse Liver Tissue Primary Ab: 10µg/ml Rabbit Anti-Human LDHA Antibody Control: Used PBS instead of primary antibody



Western Blot; Sample: Porcine Kidney lysate

Primary Ab: 0.15µg/ml Rabbit Anti-Human LDHA Antibody Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

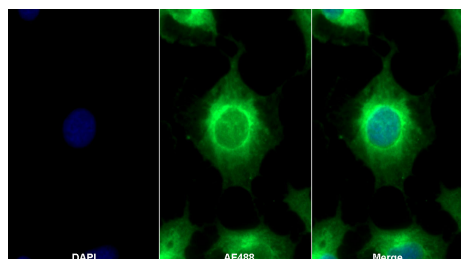


Western Blot; Samples: Lane1: Mouse Testis lysate; Lane2: A431 cell lysate; Lane3: A375 cell lysate; Primary Ab: 0.15µg/ml Rabbit Anti-Human LDHA Antibody Second Ab: 0.2?g/ml HRP-Linked

Second Ab: 2?g/ml HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)

Antibody  
(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: A549 cell

Primary Ab: 20µg/ml Rabbit Anti-  
Human LDHA Antibody

Second Ab: 2?g/ml AF488-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb11)

### [ **IMPORTANT NOTE** ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.