

**PAB370Mu01**

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

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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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:** 0.34mg/mL

**UOM:** 20μL

**Cross Reactivity:** Human;Rat

**Applications:** WB; IHC

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant LDHA (Met1~Phe332) expressed in *E.coli*

**Accession No.:** RPB370Mu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 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.

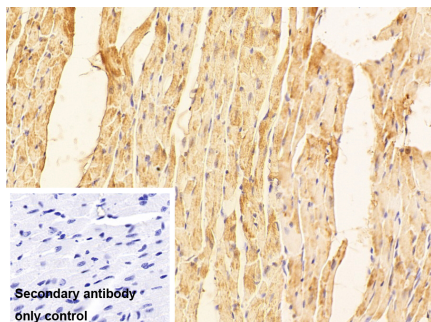
Store at 4°C for frequent use.

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

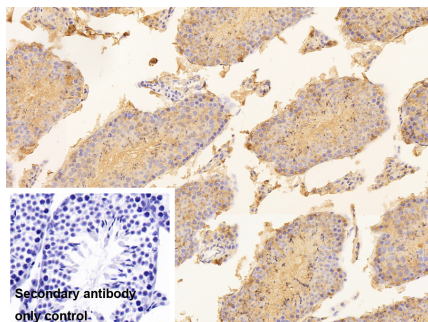
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

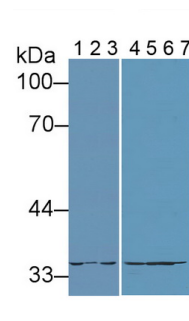
## [ IDENTIFICATION ]



DAB staining on IHC-P; Sample: Mouse Cardiac Muscle Tissue Primary Ab: 10µg/ml Rabbit Anti-Mouse LDHA Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



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Western Blot; Sample: Lane1: Mouse Liver lysate; Lane2: Mouse Lung lysate; Lane3: Mouse Kidney lysate; Lane4: Human A431 cell lysate; Lane5: Human Jurkat cell lysate; Lane6: Mouse Testis lysate; Lane7: Rat Kidney lysate Primary Ab: 2µg/mL Rabbit Anti-Mouse LDHA Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

## [ 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.