

**PAD090Mu01**

**Polyclonal Antibody to Hemoglobin Alpha 1 (HBa1)**

**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:** 0.5mg/mL

**UOM:** 100µL

**Cross Reactivity:** N/A

**Applications:** WB; IHC

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant HBa1 (Met1~Arg142) expressed in *E.coli*

**Accession No.:** RPD090Mu01

## **[ APPLICATIONS ]**

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/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.

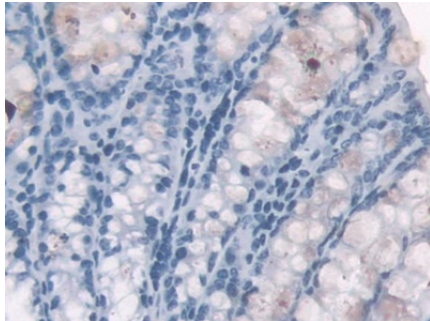
Store at 4°C for frequent use.

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

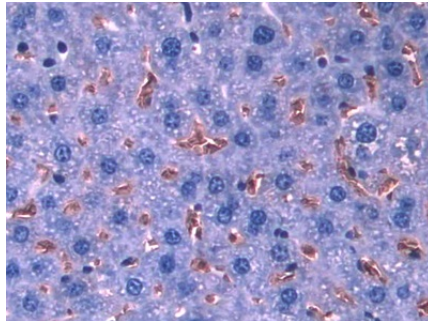
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

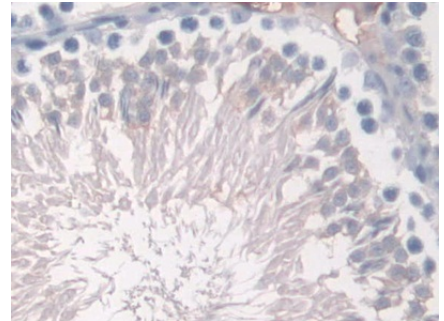
**[ IDENTIFICATION ]**



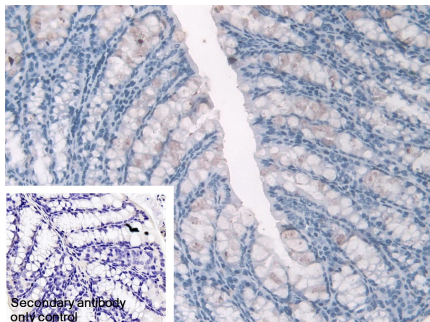
DAB staining on IHC-P; Samples:  
Mouse Colon Tissue; Primary Ab:  
30µg/ml Rabbit Anti-Mouse HBa1  
Antibody Second Ab: 2µg/mL HRP-  
Linked Caprine Anti-Rabbit IgG  
Polyclonal Antibody (Catalog:  
SAA544Rb19)



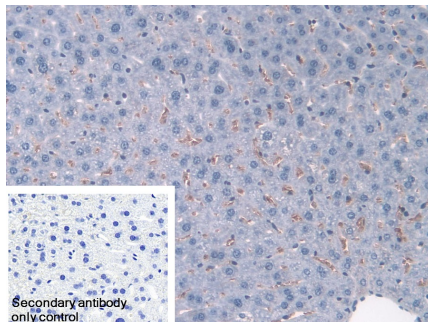
DAB staining on IHC-P;  
Samples: Mouse Liver Tissue;  
Primary Ab: 30µg/ml Rabbit Anti-Mouse  
HBa1 Antibody  
Second Ab: 2µg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)



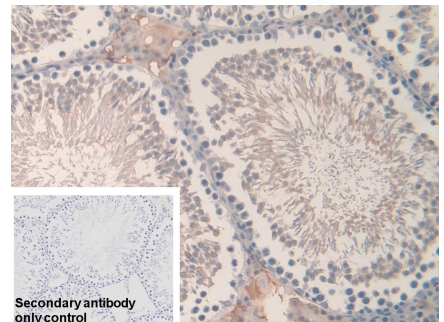
DAB staining on IHC-P;  
Samples: Mouse Testis Tissue;  
Primary Ab: 30µg/ml Rabbit Anti-Mouse  
HBa1 Antibody  
Second Ab: 2µg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
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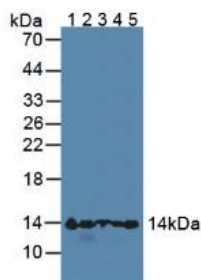
DAB staining on IHC-P;  
Sample: Mouse Colon Tissue  
Primary Ab: 30µg/ml Rabbit Anti-Mouse  
HBa1 Antibody  
Control: Used PBS instead of primary  
antibody  
Second Ab: 2µg/ml HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
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DAB staining on IHC-P;  
Sample: Mouse Liver Tissue  
Primary Ab: 30µg/ml Rabbit Anti-Mouse  
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Control: Used PBS instead of primary  
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Second Ab: 2µg/ml HRP-Linked  
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Western Blot; Sample: Lane1: Mouse

Serum; Lane2: Mouse Liver lysate;

Lane3: Mouse Cerebrum lysate; Lane4:

Mouse Heart lysate; Lane5: Mouse

Spleen lysate

Primary Ab: 2 $\mu$ g/ml Rabbit Anti-Mouse

HBa1 Antibody

Second Ab: 0.2 $\mu$ g/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.