**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

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.

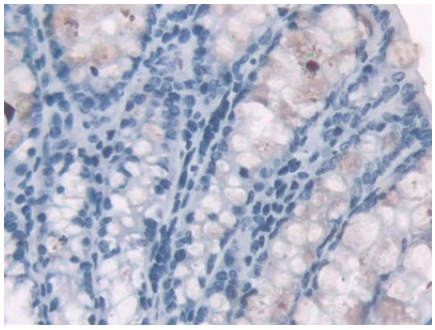
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

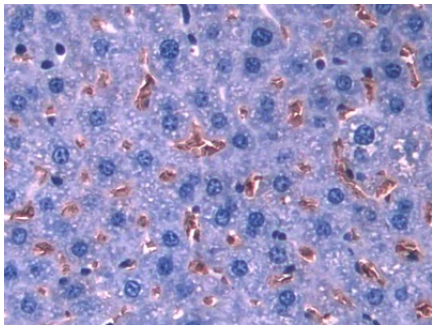
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

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)



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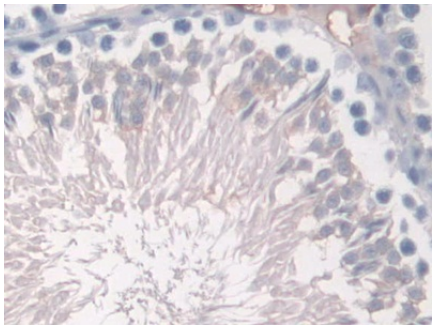

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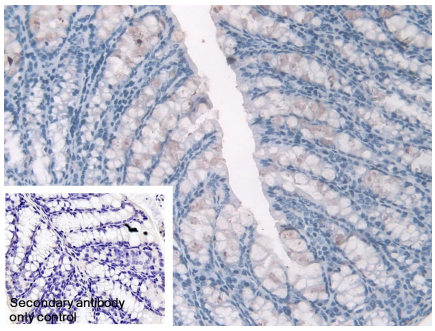
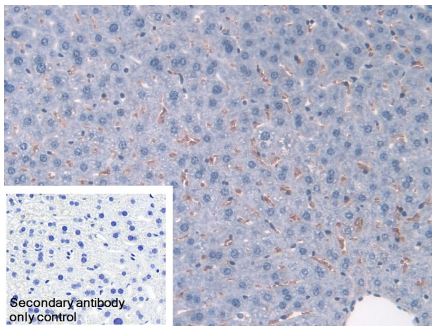



DAB staining on IHC-P; Sample: Mouse Colon Tissue Primary Ab: 30µg/ml Rabbit Anti-Mouse HBa1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

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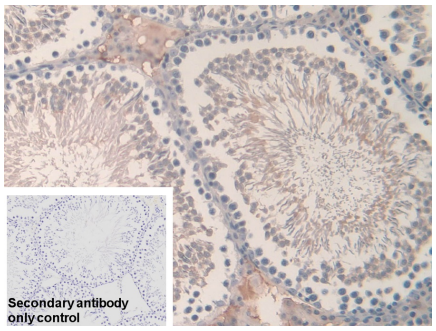


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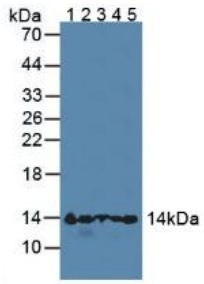


Western Blot; Sample: Lane1: Mouse Serum; Lane2: Mouse Liver lysate; Lane3: Mouse Cerebrum lysate; Lane4: Mouse Heart lysate; Lane5: Mouse Spleen lysate

Primary Ab: 2µg/ml Rabbit Anti-Mouse HBa1 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.