

**PAD090Bo01**

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

**Organism Species: *Bos taurus*; Bovine (Cattle)**

***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:** Mouse

**Applications:** WB

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant HBa1 (Val2~Arg142) expressed in *E.coli*

**Accession No.:** RPD090Bo01

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/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 ]**

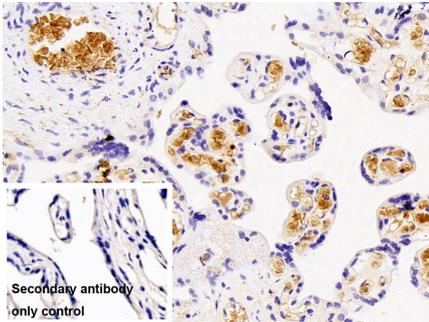
**Storage:** Avoid repeated freeze/thaw cycles.

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: Human Placenta Tissue

Primary Ab: 10µg/ml Rabbit Anti-Bovine

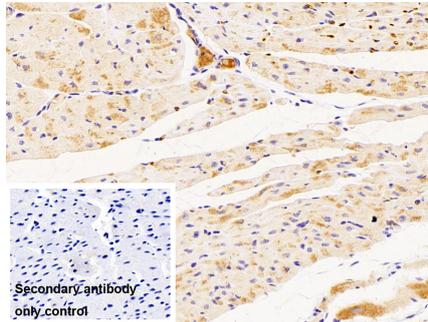
HBa1 Antibody

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: Porcine Cardiac Muscle

Tissue

Primary Ab: 10µg/ml Rabbit Anti-Bovine

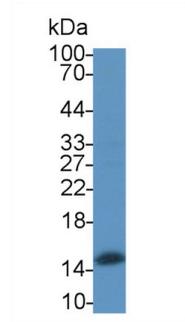
HBa1 Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

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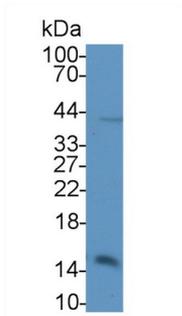
Western Blot; Sample: Mouse Liver lysate;

Primary Ab: 2µg/ml Rabbit Anti-Bovine

HBa1 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19) Selected



Western Blot; Sample: Mouse Cerebrum lysate;

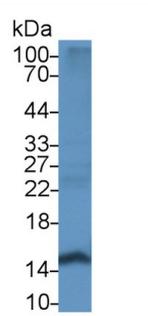
Primary Ab: 2µg/ml Rabbit Anti-Bovine

HBa1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19) Selected



Western Blot; Sample: Mouse Spleen lysate;

Primary Ab: 2µg/ml Rabbit Anti-Bovine

HBa1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19) Selected

**[ 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.