

PAD090Hu01

Polyclonal Antibody to Hemoglobin Alpha 1 (HBa1)

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

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

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

Accession No.: RPD090Hu01

[APPLICATIONS]

Western blotting: 0.005-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

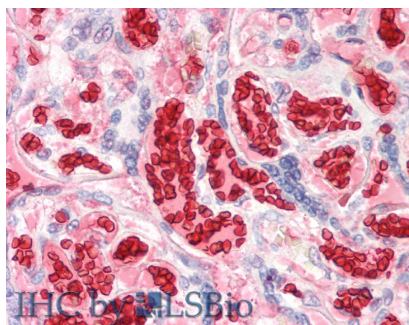
Store at 4°C for frequent use.

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]



Vector Red staining on IHC-P;

Samples: Human Erythrocytes of

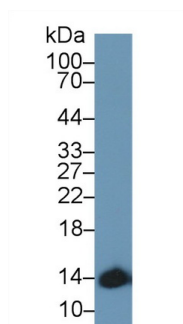
Placenta Tissue; Primary Ab: 2.5µg/ml

Rabbit Anti-Human HBa1 Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody



Western Blot; Sample: Mouse

Cerebrum lysate;

Primary Ab: 1µg/ml Rabbit Anti-Human

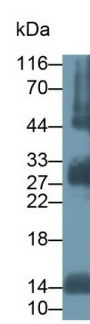
HBa1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Lung

lysate

Primary Ab: 0.005µg/ml Rabbit Anti-

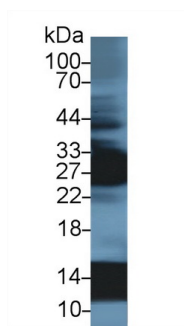
Human HBa1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Liver

lysate;

Primary Ab: 1µg/ml Rabbit Anti-Human

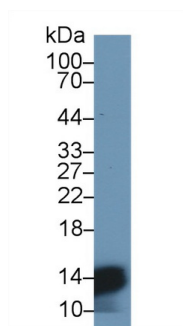
HBa1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Mouse Liver

lysate;

Primary Ab: 1µg/ml Rabbit Anti-Human

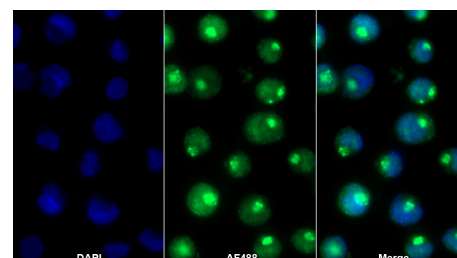
HBa1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: K562 cell

Primary Ab: 20µg/ml Rabbit Anti-

Human HBa1 Antibody

Second Ab: 2µg/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.