

PAB409Po01

Polyclonal Antibody to Hemoglobin (HB)

Organism Species: *Sus scrofa*; *Porcine* (Pig)

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: 200µL

Cross Reactivity: Human

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Native Hemoglobin

Accession No.: NPB409Po01

[APPLICATIONS]

Western blotting: 0.01-2µg/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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

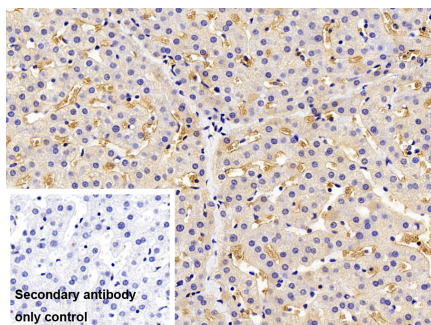
Store at 4°C for frequent use.

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: Porcine Liver Tissue

Primary Ab: 10µg/ml Rabbit Anti-

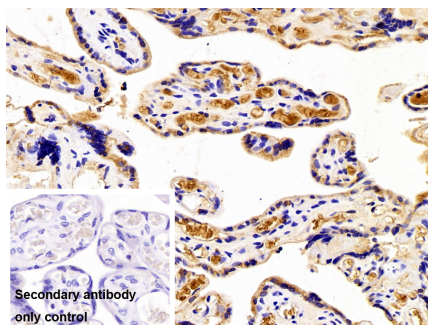
Porcine HB Antibody

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: Human Placenta Tissue

Primary Ab: 10µg/ml Rabbit Anti-

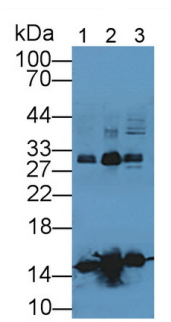
Porcine HB Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Porcine

Serum; Lane2: Porcine Blood cell

lysate; Lane3: Porcine Liver lysate

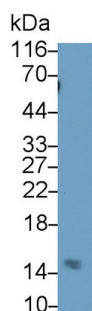
Primary Ab: 2µg/mL Rabbit Anti-

Porcine hemoglobin Antibody

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

Antibody

(Catalog: SAA544Rb19)

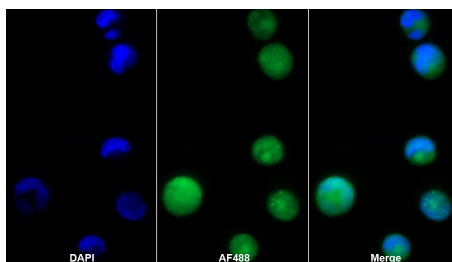


Western Blot; Sample: Human Blood Cells lysate

Primary Ab: 0.5µg/ml Rabbit Anti-Porcine HB Antibody

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

Antibody



AF488 staining on IF;

Sample: K562 cell

Primary Ab: 20µg/ml Rabbit Anti-Porcine HB Antibody

Second Ab: 2?g/ml AF488-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb11)

(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.