

**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

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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:** 200µL

**Cross Reactivity:** Human;Porcine

**Applications:** WB; IHC; ICC; IP.

**[ IMMUNOGEN ]**

**Immunogen:** Native HB

**Accession No.:** NPB409Po01

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 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 ]**

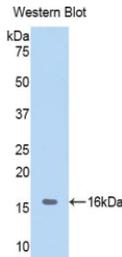
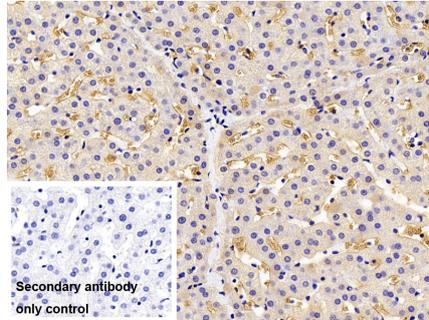
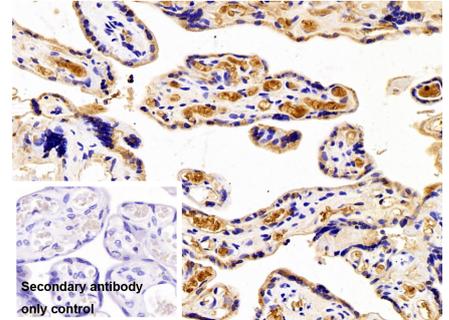


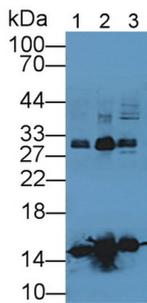
Figure. Western Blot; Sample: Recombinant Hemoglobin, Porcine.



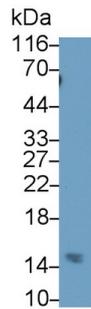
DAB staining on IHC-P;  
Sample: Porcine Liver Tissue  
Primary Ab: 10µg/ml Rabbit Anti-Porcine HB Antibody  
Control: Used PBS instead of primary antibody  
Second Ab: 2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)



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



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

Antibody

(Catalog: SAA544Rb19)

(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.