

**PAB995Hu04**

**Polyclonal Antibody to Hemojuvelin (HJV)**

**Organism Species: *Homo sapiens (Human)***

***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:** 50µL

**Cross Reactivity:** Mouse;Rat;Porcine

**Applications:** WB; IHC; ICC/IF

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant HJV (Gln36~Phe200) expressed in *E.coli*

**Accession No.:** RPB995Hu04

### **[ 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.

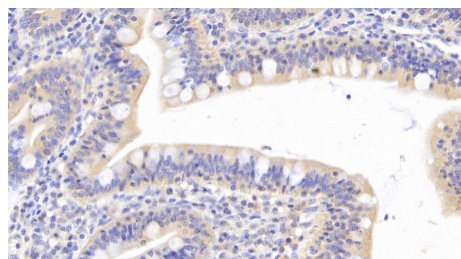
Store at 4°C for frequent use.

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

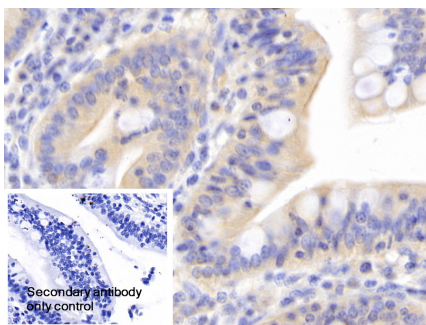
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]



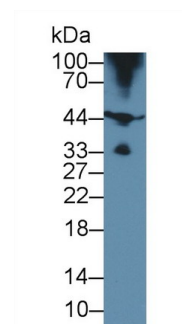
DAB staining on IHC-P; Samples:

Human Small intestine Tissue; Primary  
Ab: 20µg/ml Rabbit Anti-Human HJV  
Antibody Second Ab: 2µg/mL HRP-  
Linked Caprine Anti-Rabbit IgG  
Polyclonal Antibody (Catalog:  
SAA544Rb19)

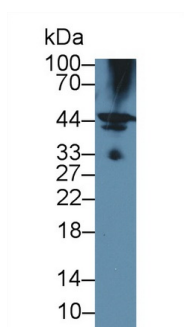


DAB staining on IHC-P;

Sample: Human Small intestine Tissue  
Primary Ab: 20µg/ml Rabbit Anti-  
Human HJV Antibody  
Control: Used PBS instead of primary  
antibody  
Second Ab: 2µg/ml HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)

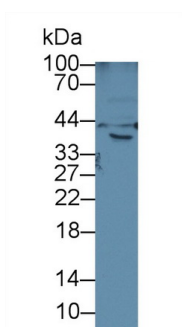


Western Blot; Sample: Porcine Skeletal  
muscle lysate;  
Primary Ab: 2µg/ml Rabbit Anti-Human  
HJV Antibody  
Second Ab: 0.2µg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)



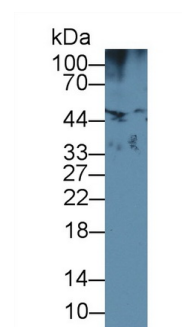
Western Blot; Sample: Human Liver  
lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human  
HJV Antibody  
Second Ab: 0.2µg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody



Western Blot; Sample: Porcine Kidney  
lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human  
HJV Antibody  
Second Ab: 0.2µg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody



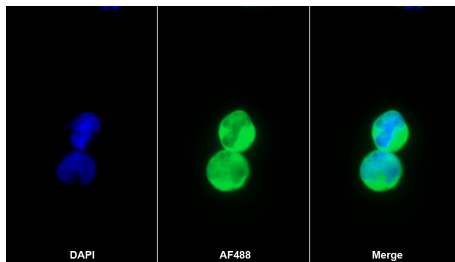
Western Blot; Sample: Porcine Heart  
lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human  
HJV Antibody  
Second Ab: 0.2µg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19)

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AF488 staining on IF;

Sample: K562 cell

Primary Ab: 20µg/ml Rabbit Anti-

Human HJV 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.