

**PAB486Mu01**

**Polyclonal Antibody to Calreticulin (CALR)**

**Organism Species: *Mus musculus* (Mouse)**

***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:** 20µg(40µL)

**Cross Reactivity:** Human

**Applications:** WB; IHC

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant CALR (Asp199~Tyr308) expressed in *E.coli*

**Accession No.:** RPB486Mu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 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% NaN<sub>3</sub>, 50% glycerol.

### **[ STORAGE AND STABILITY ]**

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

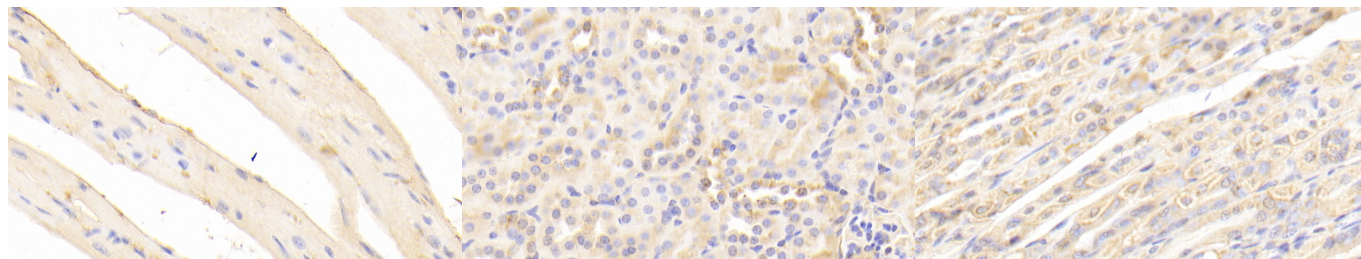
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

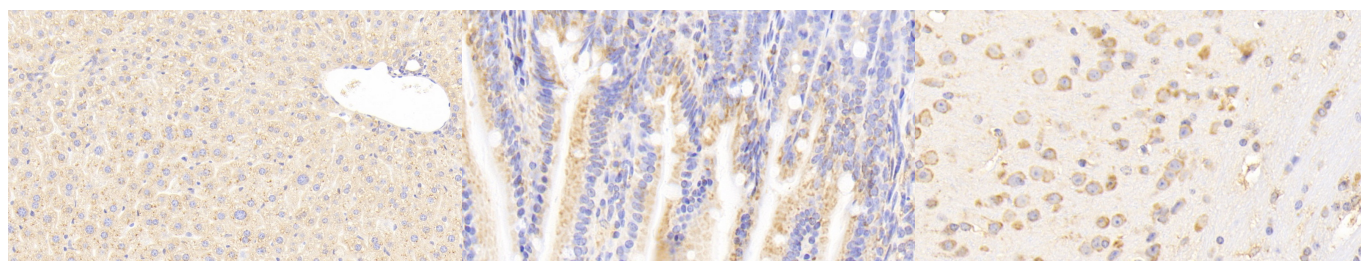
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

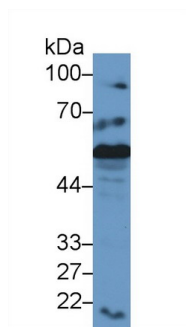
**[ IDENTIFICATION ]**



|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DAB staining on IHC-P;<br>Samples: Mouse Cardiac Muscle Tissue; Primary<br>Ab: 20?g/ml Rabbit Anti-Mouse CRT<br>Antibody Second Ab: 2µg/mL HRP-<br>Linked Caprine Anti-Rabbit IgG<br>Polyclonal Antibody (Catalog:<br>SAA544Rb19) | DAB staining on IHC-P;<br>Samples: Mouse Kidney Tissue;<br>Primary Ab: 20?g/ml Rabbit Anti-Mouse<br>CRT Antibody<br>Second Ab: 2µg/mL HRP-Linked<br>Caprine Anti-Rabbit IgG Polyclonal<br>Antibody<br>(Catalog: SAA544Rb19) | DAB staining on IHC-P;<br>Samples: Mouse Stomach Tissue;<br>Primary Ab: 20?g/ml Rabbit Anti-Mouse<br>CRT Antibody<br>Second Ab: 2µg/mL HRP-Linked<br>Caprine Anti-Rabbit IgG Polyclonal<br>Antibody<br>(Catalog: SAA544Rb19) |
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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DAB staining on IHC-P;<br>Samples: Mouse Liver Tissue;<br>Primary Ab: 20?g/ml Rabbit Anti-Mouse<br>CRT Antibody<br>Second Ab: 2µg/mL HRP-Linked<br>Caprine Anti-Rabbit IgG Polyclonal<br>Antibody<br>(Catalog: SAA544Rb19) | DAB staining on IHC-P;<br>Samples: Mouse Colon Tissue;<br>Primary Ab: 20?g/ml Rabbit Anti-Mouse<br>CRT Antibody<br>Second Ab: 2µg/mL HRP-Linked<br>Caprine Anti-Rabbit IgG Polyclonal<br>Antibody<br>(Catalog: SAA544Rb19) | DAB staining on IHC-P;<br>Samples: Mouse Cerebrum Tissue;<br>Primary Ab: 20?g/ml Rabbit Anti-Mouse<br>CRT Antibody<br>Second Ab: 2µg/mL HRP-Linked<br>Caprine Anti-Rabbit IgG Polyclonal<br>Antibody<br>(Catalog: SAA544Rb19) |
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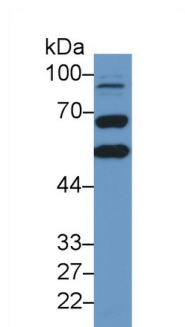
Western Blot; Sample: Mouse Liver  
lysate;

Primary Ab: 2µg/ml Rabbit Anti-Mouse  
CRT Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19)



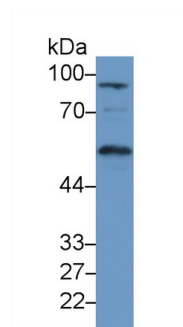
Western Blot; Sample: Mouse Placenta  
lysate;

Primary Ab: 2µg/ml Rabbit Anti-Mouse  
CRT Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19)



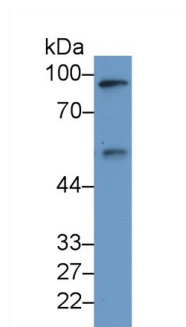
Western Blot; Sample: Mouse  
Cerebrum lysate;

Primary Ab: 2µg/ml Rabbit Anti-Mouse  
CRT Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19)



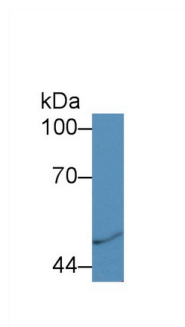
Western Blot; Sample: Human HepG2  
cell lysate;

Primary Ab: 2µg/ml Rabbit Anti-Mouse  
CRT Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Hela cell  
lysate;

Primary Ab: 2µg/ml Rabbit Anti-Mouse  
CRT Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(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.