

PAB486Hu02

Polyclonal Antibody to Calreticulin (CALR)

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: 100µg(200µL)

Cross Reactivity: Mouse

Applications: WB; IHC; FCM

[IMMUNOGEN]

Immunogen: Recombinant CALR (Leu196~Asn310) expressed in *E.coli*

Accession No.: RPB486Hu02

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Flow cytometry: 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.

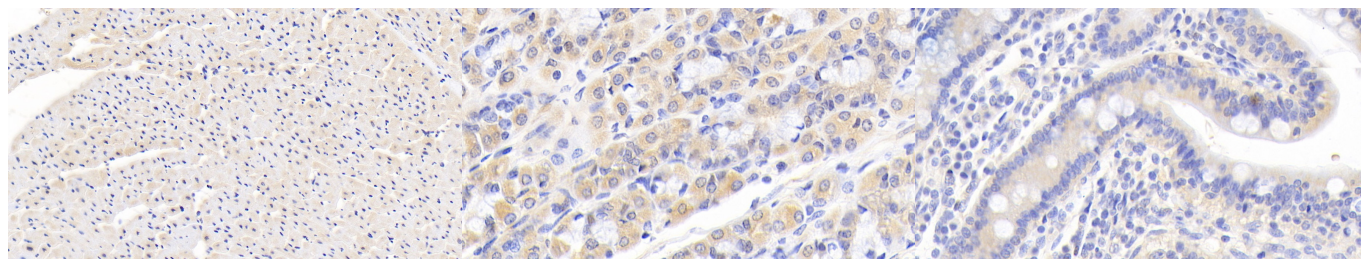
Store at 4°C for frequent use.

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.

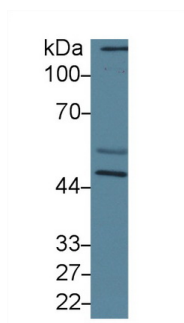
[IDENTIFICATION]



DAB staining on IHC-P; Samples:
Human Cardiac Muscle Tissue; Primary
Ab: 20?g/ml Rabbit Anti-Human CRT
Antibody Second Ab: 2μg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)

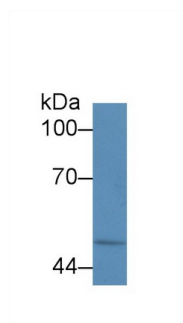
DAB staining on IHC-P;
Samples: Human Stomach Tissue;
Primary Ab: 20?g/ml Rabbit Anti-
Human CRT Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

DAB staining on IHC-P;
Samples: Human Small intestine
Tissue;
Primary Ab: 20?g/ml Rabbit Anti-
Human CRT Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



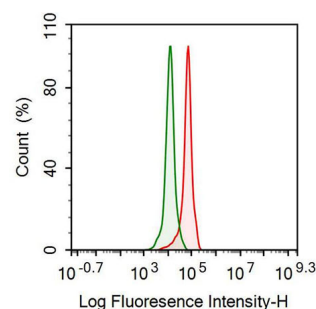
Western Blot; Sample: Mouse
Cerebrum lysate;

Primary Ab: 2μg/ml Rabbit Anti-Human
CRT Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Human HL60
cell lysate;

Primary Ab: 2μg/ml Rabbit Anti-Human
CRT Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Human Hela cell line was fixed with 2%
paraformaldehyde (10 min) ,
permeabilised with 0.1% BSA-Triton
X-100, then stained with 20μg/ml rabbit
Anti-human CALR Polyclonal Antibody
(Catalog PAB486Hu02, red histogram)
or Isotype control antibody (Catalog
IS067-Rb01, green histogram), followed
by 1μg/ml FITC-conjugated Anti-rabbit
IgG Secondary Antibody (Catalog

[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.