

PAA594Mi01

Polyclonal Antibody to Cytochrome C (CYCS)

Organism Species: *Homo sapiens* (Human), *Mus musculus* (Mouse)

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: 20µL

Cross Reactivity: Human;Mouse;Rat;Canine;Caprine;Ovine;Equine;Gallus

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant CYCS (Gln13~Leu99) expressed in *E.coli*

Accession No.: RPA594Mi01

[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.

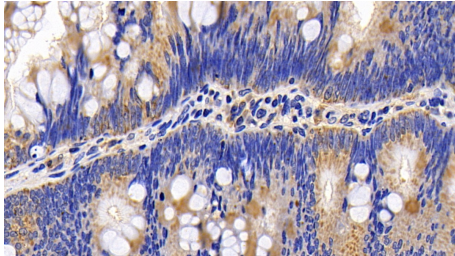
Store at 4°C for frequent use.

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

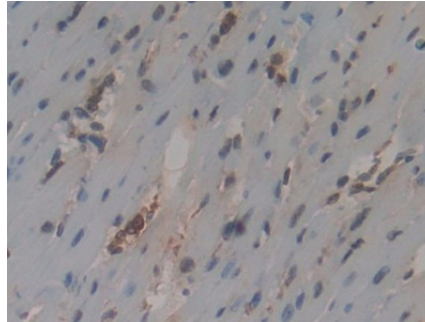
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

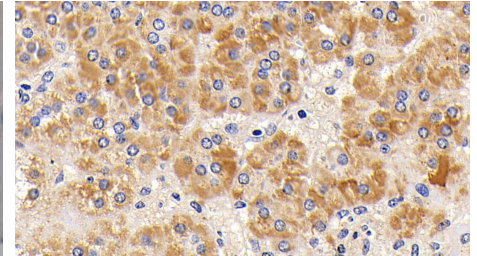
[IDENTIFICATION]



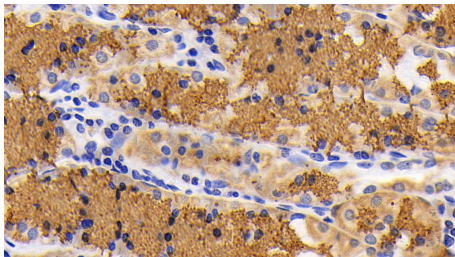
DAB staining on IHC-P; Samples:
Human Colorectal cancer Tissue;
Primary Ab: 20ug/ml Rabbit Anti-Multi-
species CYCS Antibody Second Ab:
2μg/mL HRP-Linked Caprine Anti-
Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



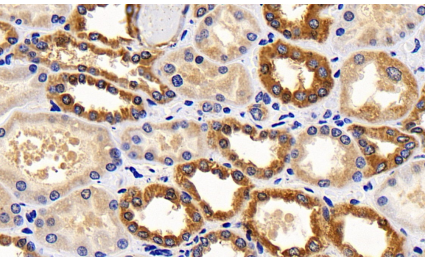
DAB staining on IHC-P;
Samples: Mouse Heart Tissue;
Primary Ab: 10μg/ml Rabbit Anti-Multi-
species CYCS Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



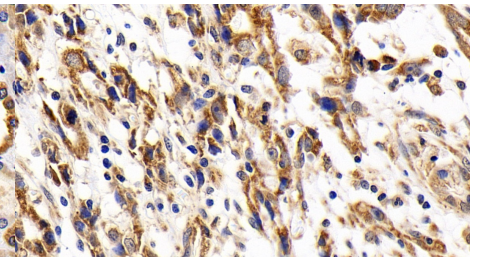
DAB staining on IHC-P;
Samples: Human Adrenal gland Tissue;
Primary Ab: 20ug/ml Rabbit Anti-Multi-
species CYCS Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



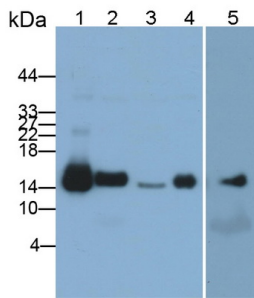
DAB staining on IHC-P;
Samples: Human Stomach Tissue;
Primary Ab: 20ug/ml Rabbit Anti-Multi-
species CYCS Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Human Kidney Tissue;
Primary Ab: 20ug/ml Rabbit Anti-Multi-
species CYCS Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



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

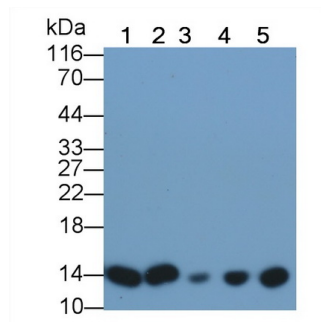


Western Blot; Sample: Lane1: Rat Heart lysate; Lane2: Rat Liver lysate; Lane3: Rat Kidney lysate; Lane4: Rat Skeletal muscle lysate; Lane5: Fetal rat lysate

Primary Ab: 0.1µg/ml Rabbit Anti-Multi-species CYCS Antibody

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

(Catalog: SAA544Rb19)

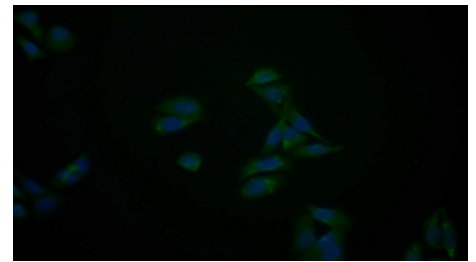


Western Blot; Sample: Lane1: Gallus Heart lysate; Lane2: Canine Heart lysate; Lane3: Caprine Heart lysate; Lane4: Cavia Heart lysate; Lane5: Equine Heart lysate

Primary Ab: 0.5?g/ml Rabbit Anti-Multi-species CYCS Antibody

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

(Catalog: SAA544Rb19)



FITC staining on IF;

Samples: Human HepG2 cell;

Primary Ab: 20?g/ml Rabbit Anti-Multi-species CYCS Antibody

Second Ab: 1.5?g/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb18)

[**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.