

PAA979Mu01

Polyclonal Antibody to Cyclophilin A (CYPA)

Organism Species: *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: 100µL

Cross Reactivity: Human

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant CYPA (Val2~Leu164) expressed in *E.coli*

Accession No.: RPA979Mu01

[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]

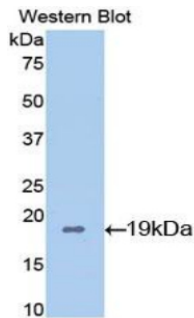
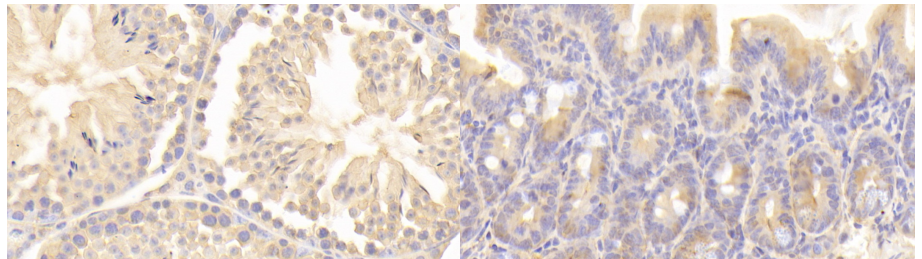
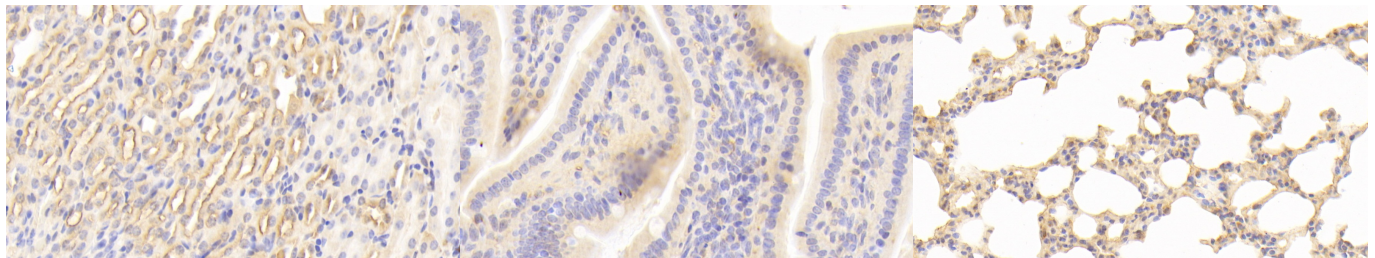


Figure. Western Blot; Sample: Recombinant CYPA, Mouse.



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

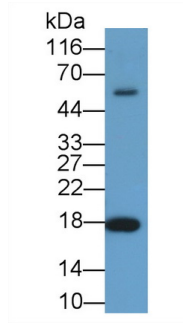
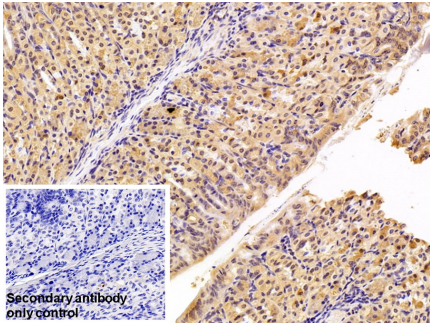
DAB staining on IHC-P; Samples: Mouse Small intestine Tissue; Primary Ab: 20?g/ml Rabbit Anti-Mouse CYPA Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



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

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

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



DAB staining on IHC-P;

Western Blot; Sample: Jurkat cell lysate

Sample: Mouse Stomach Tissue

Primary Ab: 0.1µg/ml Rabbit Anti-

Primary Ab: 10µg/ml Rabbit Anti-Mouse
CYPA Antibody

Mouse CYPA Antibody

Control: Used PBS instead of primary
antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

Second Ab: 2?g/ml HRP-Linked

(Catalog: SAA544Rb19)

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.