

PAA979Hu01

Polyclonal Antibody to Cyclophilin A (CYPA)

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: 100µL

Cross Reactivity: Mouse;Rat;Porcine.

Applications: WB; IHC; ICC/IF;FCM

[IMMUNOGEN]

Immunogen: Recombinant CYPA (Val2~Glu165) expressed in *E.coli*

Accession No.: RPA979Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Flow cytometry: 20?g/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.

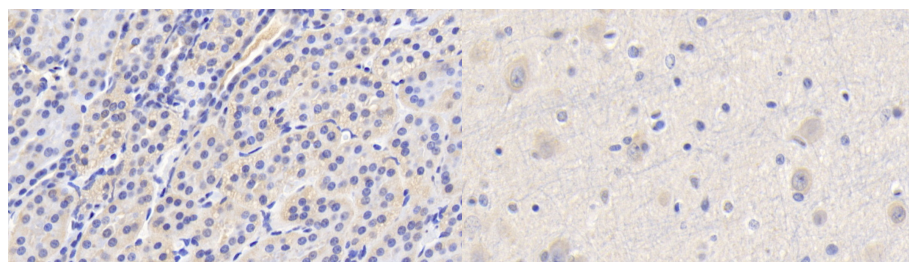
Store at 4°C for frequent use.

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

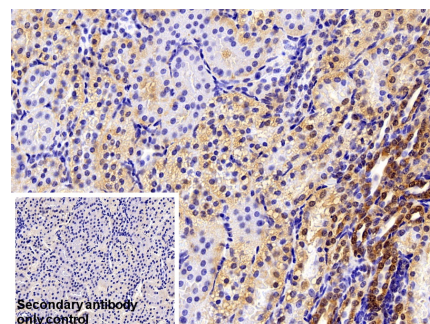
by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

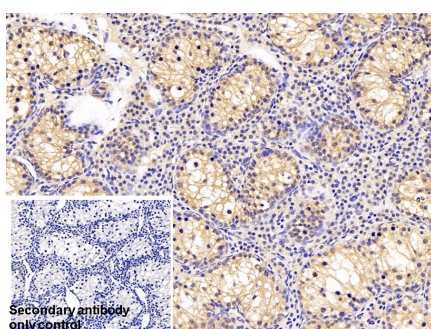


DAB staining on IHC-P; Samples:
Human Kidney Tissue; Primary Ab:
20?g/ml Rabbit Anti-Human CYPA
Antibody Second Ab: 2μg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)

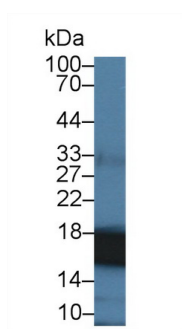
DAB staining on IHC-P;
Samples: Human Cerebrum Tissue;
Primary Ab: 20?g/ml Rabbit Anti-
Human CYPA Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



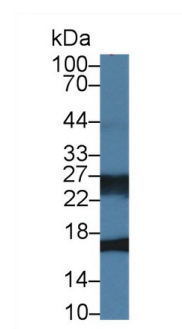
DAB staining on IHC-P;
Sample: Porcine Kidney Tissue
Primary Ab: 10μg/ml Rabbit Anti-
Human CYPA Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Porcine Testis Tissue
Primary Ab: 10μg/ml Rabbit Anti-
Human CYPA Antibody
Control: Used PBS instead of primary
antibody

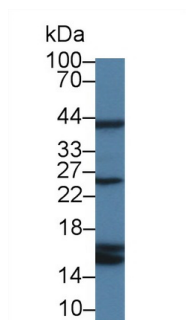


Western Blot; Sample: Human Liver
lysate;
Primary Ab: 4μg/ml Rabbit Anti-Human
CYPA Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal



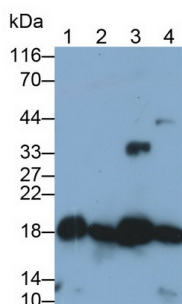
Western Blot; Sample: Human Serum;
Primary Ab: 4μg/ml Rabbit Anti-Human
CYPA Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



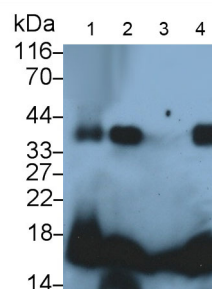
Western Blot; Sample: Rat Serum;
Primary Ab: 4µg/ml Rabbit Anti-Human
CYPA Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Antibody
(Catalog: SAA544Rb19)

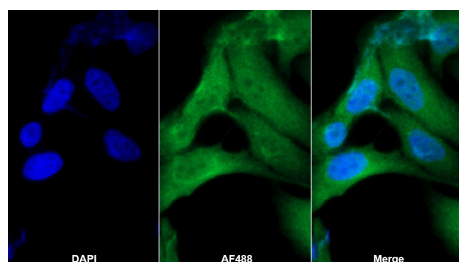


Western Blot; Sample: Lane1: Mouse
Liver lysate; Lane2: Mouse Cerebrum
lysate; Lane3: HepG2 cell lysate;
Lane4: Jurkat cell lysate
Primary Ab: 0.05µg/ml Rabbit Anti-
Human CYPA Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)

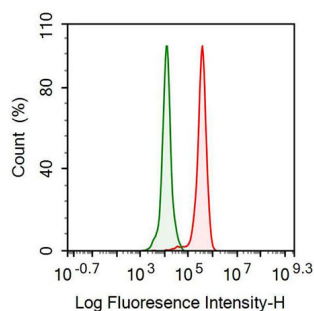


Western Blot; Samples: Lane1: Mouse
Testis lysate; Lane2: Mouse Cerebrum
lysate; Lane3: Rat Lung lysate; Lane4:
Hela cell lysate;
Primary Ab: 0.1µg/ml Rabbit Anti-
Human CYPA Antibody
Second Ab: 0.2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: HeLa cell
Primary Ab: 20µg/ml Rabbit Anti-
Human CYPA Antibody
Second Ab: 2?g/ml AF488-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb11)



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 CYPA Polyclonal Antibody
(Catalog PAA979Hu01, red histogram)
or Isotype control antibody (Catalog

IS067-Rb01, green histogram), followed
by 1µg/ml FITC-conjugated Anti-rabbit
IgG Secondary 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.