

PAH428Hu01

Polyclonal Antibody to Prenylcysteine Oxidase 1 (PCYOX1)

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

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant PCYOX1 (Tyr174~Leu505) expressed in *E.coli*

Accession No.: RPH428Hu01

[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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

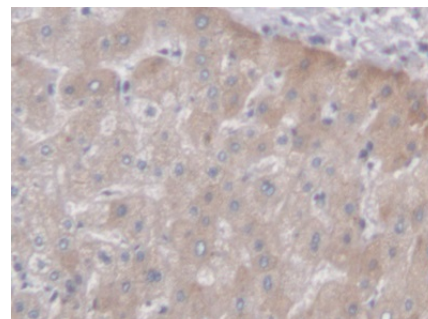
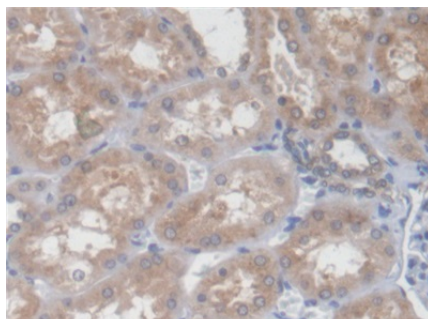
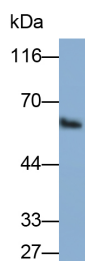
Store at 4°C for frequent use.

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.

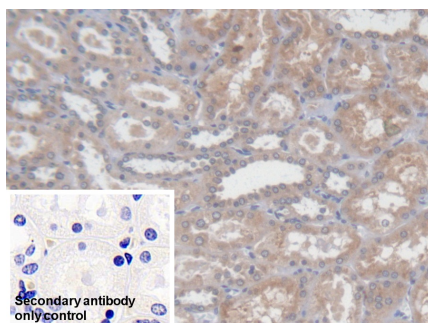
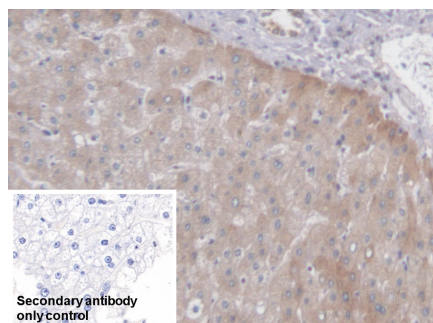
[IDENTIFICATION]



Western Blot; Sample: 293T cell lysate
Primary Ab: 0.3μg/ml Rabbit Anti-Human PCYOX1 Antibody Second Ab: 0.2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

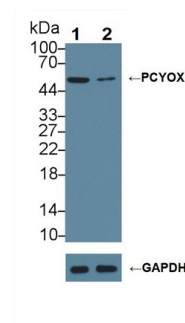
DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 20μg/ml Rabbit Anti-Human PCYOX1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 20μg/ml Rabbit Anti-Human PCYOX1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

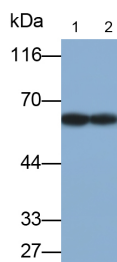


DAB staining on IHC-P;
Sample: Human Liver Tissue
Primary Ab: 20μg/ml Rabbit Anti-Human PCYOX1 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P;
Sample: Human Kidney Tissue
Primary Ab: 20μg/ml Rabbit Anti-Human PCYOX1 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Knockout Varification:
Lane 1: Wild-type HeLa cell lysate;
Lane 2: PCYOX1 knockout HeLa cell lysate;
Predicted MW: 49,57kd
Observed MW: 55kd
Primary Ab: 1μg/ml Rabbit Anti-Human PCYOX1 Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



Western Blot; Samples: Lane1: Mouse

Testis lysate; Lane2: Hela cell lysate;

Primary Ab: 0.3 μ g/ml Rabbit Anti-

Human PCYOX1 Antibody

Second Ab: 0.2 μ g/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.