**PAH480Hu01**

# Polyclonal Antibody to 3-Oxoacid Coenzyme A Transferase 1 (OXCT1)

**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:** 50μL

**Cross Reactivity:** Mouse;Rat;Porcine

**Applications:** WB; IHC; ICC; IP.

## [ IMMUNOGEN ]

**Immunogen:** Recombinant OXCT1 (Thr40~Leu489) expressed in *E.coli*

**Accession No.:** RPH480Hu01

## [ 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 4ºC for frequent use.

Aliquot and store at -20ºC 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 ]

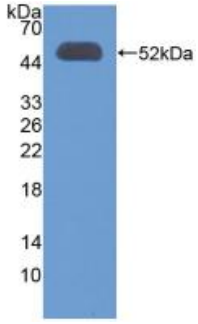
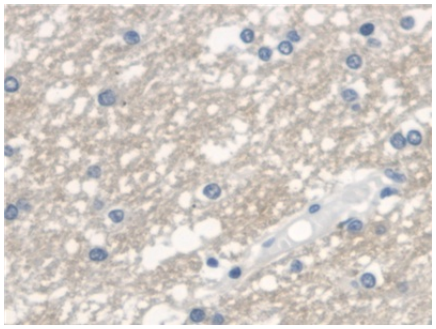
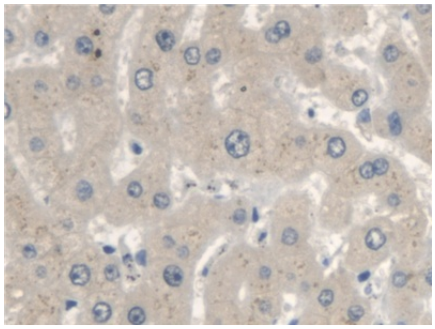


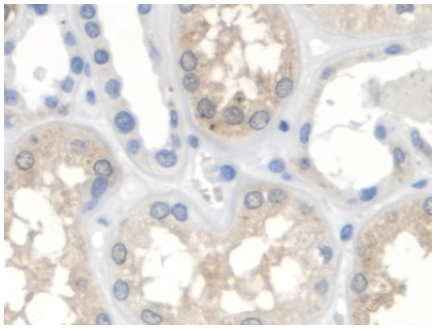

Figure. Western Blot; Sample: Recombinant OXCT1, Human.



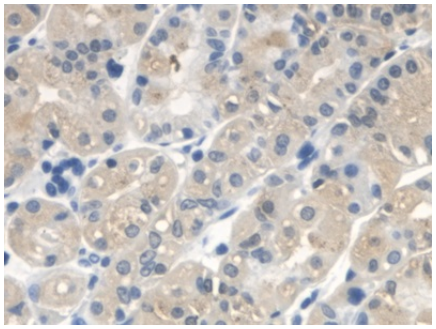
DAB staining on IHC-P; Samples: Human Cerebrum Tissue; Primary Ab: 20μg/ml Rabbit Anti-Human OXCT1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



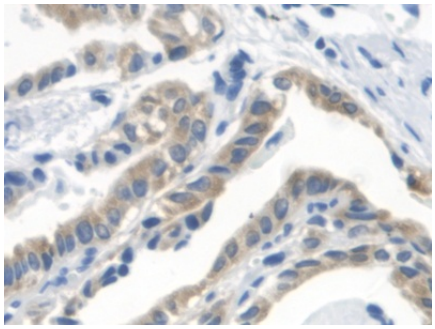
DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 20μg/ml Rabbit Anti-Human OXCT1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



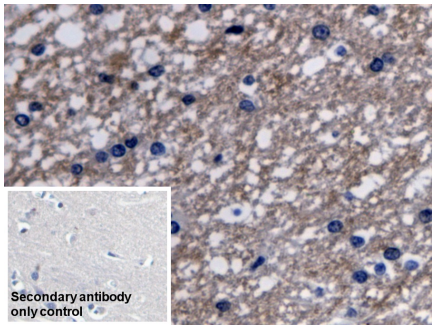
DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 20μg/ml Rabbit Anti-Human OXCT1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



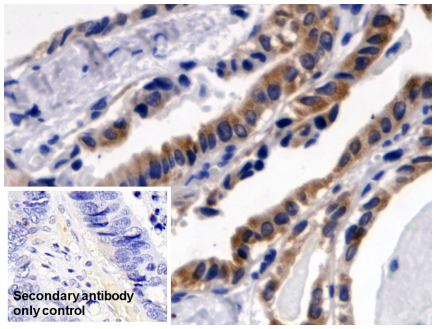
DAB staining on IHC-P; Samples: Human Stomach Tissue; Primary Ab: 20μg/ml Rabbit Anti-Human OXCT1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



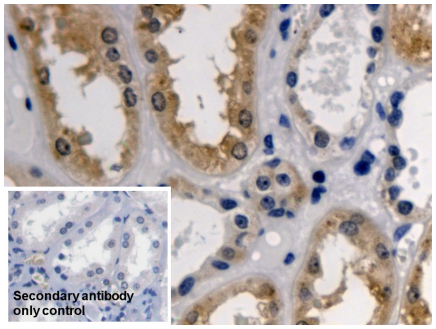
DAB staining on IHC-P; Samples: Human Thyroid cancer Tissue; Primary Ab: 20μg/ml Rabbit Anti-Human OXCT1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



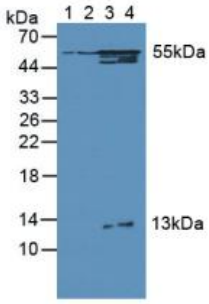

DAB staining on IHC-P;
Sample: Human Cerebrum Tissue
Primary Ab: 20μg/ml Rabbit Anti-Human OXCT1 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



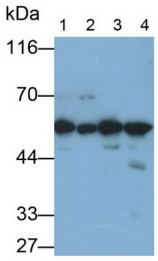

DAB staining on IHC-P;
Sample: Human Thyroid cancer Tissue
Primary Ab: 20μg/ml Rabbit Anti-Human OXCT1 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)




DAB staining on IHC-P;
Sample: Human Kidney Tissue
Primary Ab: 20μg/ml Rabbit Anti-Human OXCT1 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)




Western Blot; Samples: Lane1: Human Lung lysate; Lane2: Rat Cerebrum lysate; Lane3: Rat Heart lysate; Lane4: Rat Kidney lysate;
Primary Ab: 1μg/ml Rabbit Anti-Human OXCT1 Antibody
Second Ab: 0.2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)




Western Blot; Sample: Lane1: Porcine Heart lysate; Lane2: Porcine Kidney lysate; Lane3: Mouse Heart lysate; Lane4: Mouse Kidney lysate
Primary Ab: 0.1μg/ml Rabbit Anti-Human OXCT1 Antibody
Second Ab: 0.2μg/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.