

PAH019Hu01

Polyclonal Antibody to Transketolase (TKT) Organism Species: *Homo sapiens (Human)* 

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

# Cond-Clone Corp.

### [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: N/A

Applications: WB; IHC

#### [ IMMUNOGEN ]

Immunogen: Recombinant TKT (Met1~Pro294) expressed in E.coli

Accession No.: RPH019Hu01

#### [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.

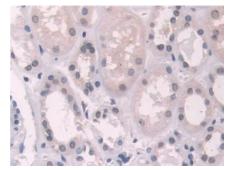
Aliquot and store at -20°C for 24 months.

**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

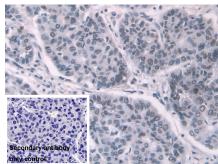
## Contend Cloud - Clone Corp.

expiration date under appropriate storage condition.

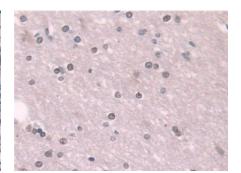
#### [IDENTIFICATION]



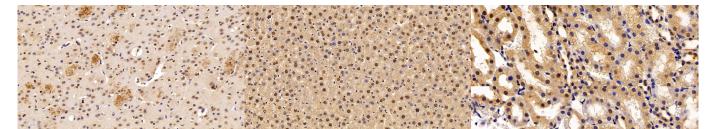
DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human TKT Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Human Liver cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human TKT Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

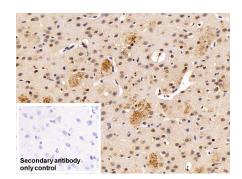


DAB staining on IHC-P; Samples: Human Cerebrum Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human TKT Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

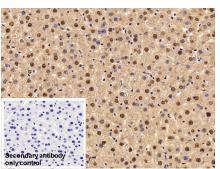


DAB staining on IHC-P; Sample: Rat Cerebrum Tissue; Primary Ab: 20ug/ml Rabbit Anti-Human TKT Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19) DAB staining on IHC-P; Sample: Rat Liver Tissue; Primary Ab: 20ug/ml Rabbit Anti-Human TKT Antibody Second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

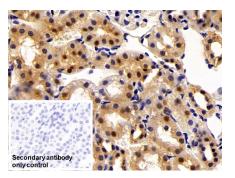
## Control Cloud-Clone Corp.



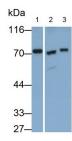
DAB staining on IHC-P; Sample: Rat Cerebrum Tissue Primary Ab: 20µg/ml Rabbit Anti-Human TKT Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

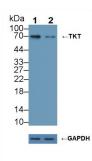


DAB staining on IHC-P; Sample: Rat Liver Tissue Primary Ab: 20µg/ml Rabbit Anti-Human TKT Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



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





Western Blot; Sample: Lane1: A549 cell lysate; Lane2: Hela cell lysate; Lane3: HepG2 cell lysate Primary Ab: 0.2µg/ml Rabbit Anti-Human TKT Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19) Selected

Knockout Varification: Lane 1: Wild-type A549 cell lysate; Lane 2: TKT knockout A549 cell lysate; Predicted MW: 68,69kd Observed MW: 70kd Primary Ab: 1µg/ml Rabbit Anti-Human TKT Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



### [<u>IMPORTANT NOTE</u>]

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.