**PAD410Mu01**

**Polyclonal Antibody to Dickkopf Related Protein 3 (DKK3)**

**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:** N/A

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

## [ IMMUNOGEN ]

**Immunogen:** Recombinant DKK3 (Pro23~Ile349) expressed in *E.coli*

**Accession No.:** RPD410Mu01

## [ 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 PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

## [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

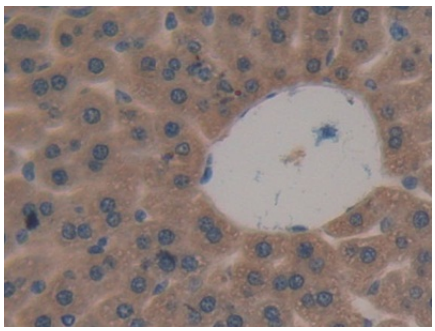
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

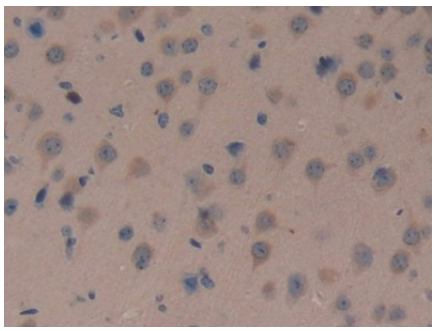
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

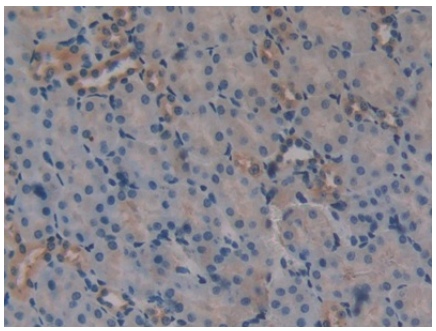
## [ IDENTIFICATION ]



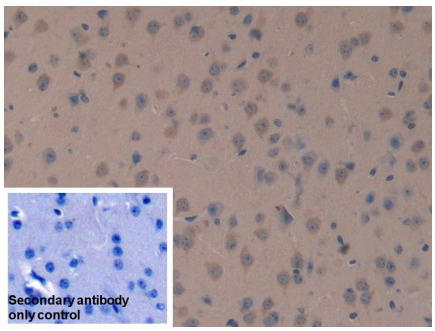
DAB staining on IHC-P; Samples: Mouse Liver Tissue; Primary Ab: 10μg/ml Rabbit Anti-Mouse DKK3 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



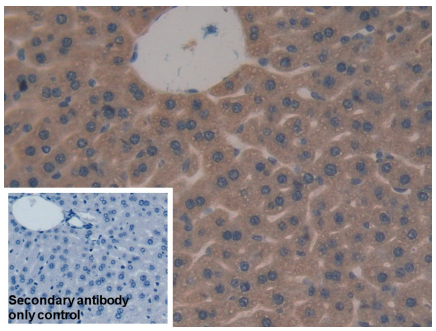
DAB staining on IHC-P; Samples: Mouse Brain Tissue; Primary Ab: 10μg/ml Rabbit Anti-Mouse DKK3 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



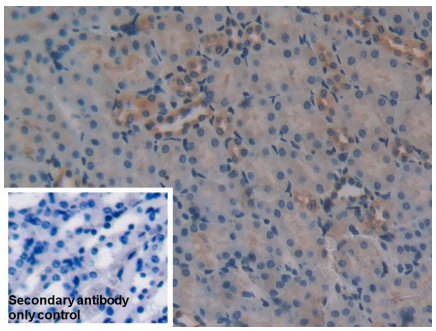
DAB staining on IHC-P; Samples: Mouse Kidney Tissue; Primary Ab: 10μg/ml Rabbit Anti-Mouse DKK3 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



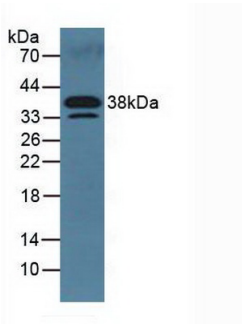

DAB staining on IHC-P;Sample: Mouse Cerebrum TissuePrimary Ab: 10μg/ml Rabbit Anti-Mouse DKK3 AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody(Catalog: SAA544Rb19)




DAB staining on IHC-P; Sample: Mouse Liver Tissue Primary Ab: 10μg/ml Rabbit Anti-Mouse DKK3 Antibody Control: Used PBS instead of primary antibody Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody




DAB staining on IHC-P; Sample: Mouse Kidney Tissue Primary Ab: 10μg/ml Rabbit Anti-Mouse DKK3 Antibody Control: Used PBS instead of primary antibody Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody




Western Blot; Sample: Mouse Serum

Primary Ab: 3μg/ml Rabbit Anti-Mouse DKK3 Antibody

Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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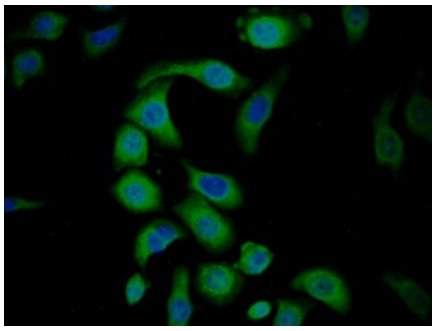


FITC staining on IF;

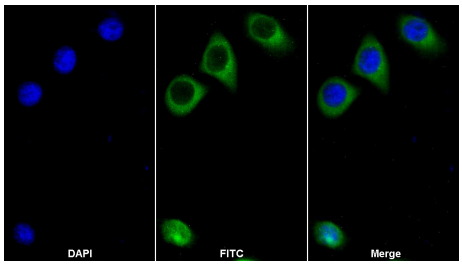
Samples: Human HepG2 Cells;

Primary Ab: 10μg/ml Rabbit Anti-Mouse DKK3 Antibody

Second Ab: 1μg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb18)

(Catalog: SAA544Rb19)




FITC staining on IF;

Sample: HepG2 cell

Primary Ab: 10μg/ml Rabbit Anti-Mouse DKK3 Antibody

Second Ab: 2μg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb11)

**[ 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.