

PAG469Hu01

Polyclonal Antibody to Methionine Adenosyltransferase II Alpha (MAT2a)

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: N/A

Applications: WB; IHC; ICC/IF

[**IMMUNOGEN**]

Immunogen: Recombinant MAT2a (Leu176~Tyr395) expressed in *E.coli*

Accession No.: RPG469Hu01

[**APPLICATIONS**]

Western blotting: 0.01-3µg/mL

Immunohistochemistry: 5-30µg/mL

Immunofluorescence: 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.

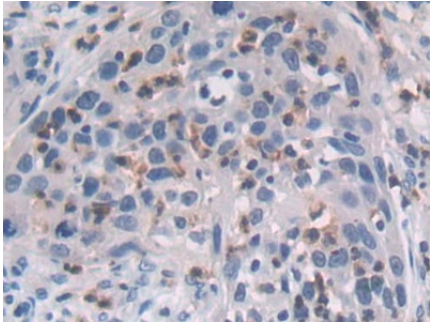
Store at 4°C for frequent use.

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

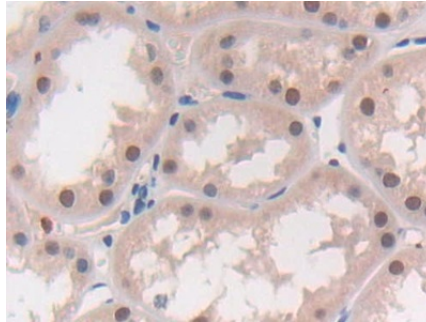
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

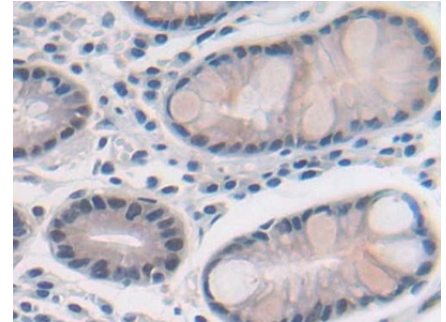
[IDENTIFICATION]



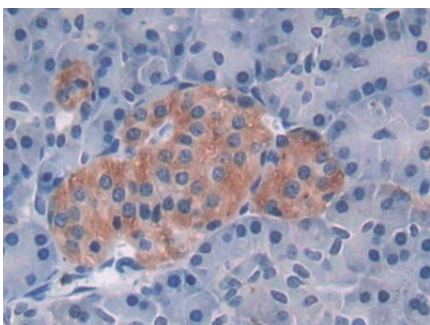
DAB staining on IHC-P; Samples: Human Lung cancer Tissue; Primary Ab: 30µg/ml Rabbit Anti-Human MAT2a Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



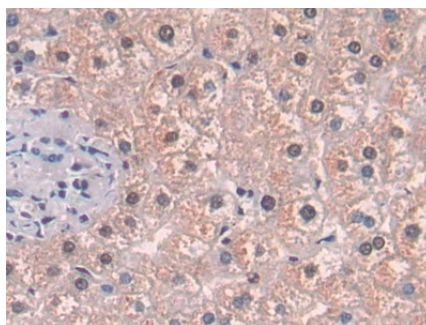
DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 30µg/ml Rabbit Anti-Human MAT2a Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



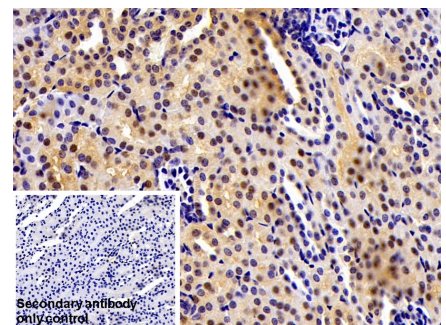
DAB staining on IHC-P; Samples: Human Stomach cancer Tissue; Primary Ab: 30µg/ml Rabbit Anti-Human MAT2a Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Human Pancreas Tissue; Primary Ab: 30µg/ml Rabbit Anti-Human MAT2a Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

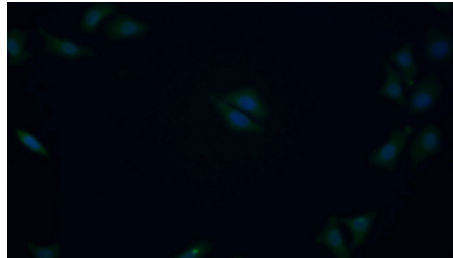
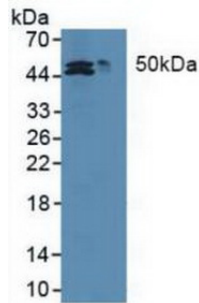


DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 30µg/ml Rabbit Anti-Human MAT2a Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Mouse Kidney Tissue Primary Ab: 10µg/ml Rabbit Anti-Human MAT2a Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody
(Catalog: SAA544Rb19)



FITC staining on IF;

Western Blot; Sample: Lane1: HepG2 cell lysate; Lane2: HCT116 cell lysate
Primary Ab: 3µg/ml Rabbit Anti-Human MAT2a Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

Samples: Human HepG2 cell;
Primary Ab: 20µg/ml Rabbit Anti-Human MAT2a Antibody
Second Ab: 1.5µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal 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.