PAJ051Hu01

Polyclonal Antibody to Guanine Deaminase (GDA)

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;Porcine;Bovine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant GDA (Met1~Val454) expressed in *E.coli*

Accession No.: RPJ051Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunofluorescence: 5-30µg/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.

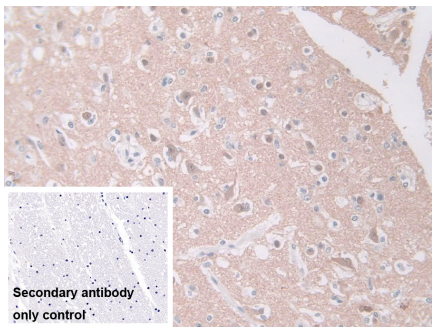
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

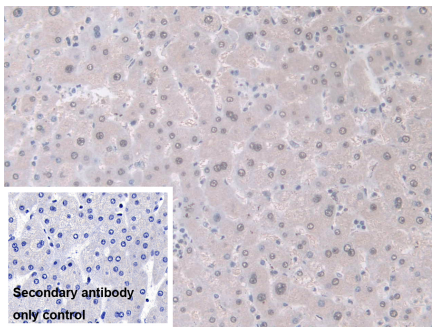
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

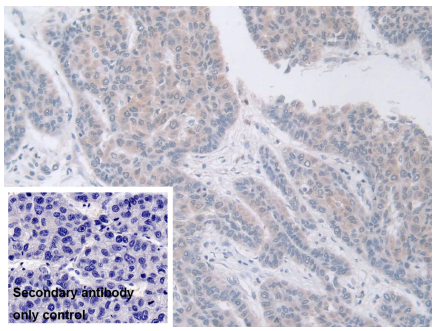
[IDENTIFICATION]



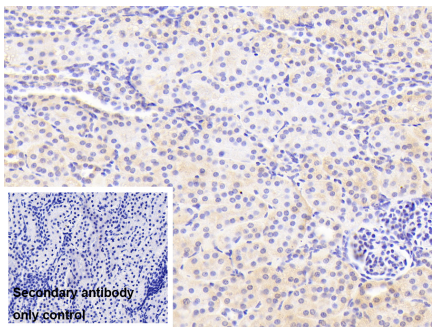
DAB staining on IHC-P; Samples: Human Cerebrum Tissue; Primary Ab: 30μg/ml Rabbit Anti-Human GDA Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



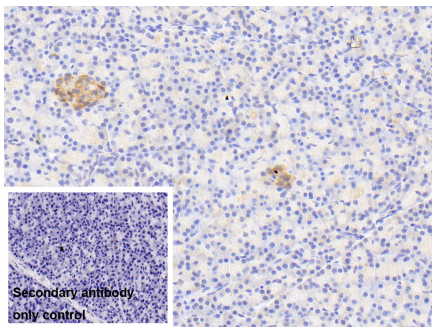
DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 30μg/ml Rabbit Anti-Human GDA Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



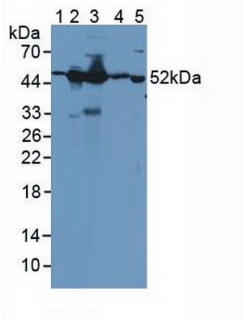
DAB staining on IHC-P; Samples: Human Liver cancer Tissue; Primary Ab: 30μg/ml Rabbit Anti-Human GDA Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



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



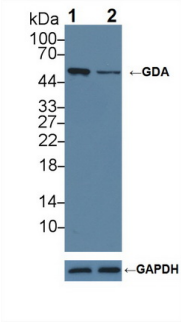
DAB staining on IHC-P; Samples: Porcine Pancreas Tissue; Primary Ab: 20?g/ml Rabbit Anti-Human GDA Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Human Serum; Lane2: Hela cell lysate; Lane3: Mouse Cerebrum lysate; Lane4: Mouse Kidney lysate; Lane5: Bovine Cerebrum lysate
Primary Ab: 1μg/ml Rabbit Anti-Human GDA Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type Hela cell lysate;

Lane 2: GDA knockout Hela cell lysate;

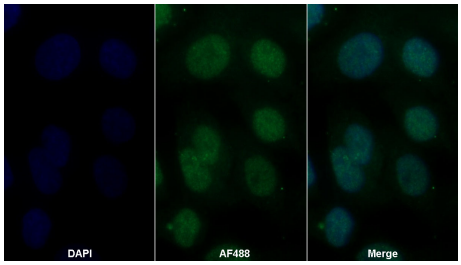
Predicted MW: 53,51,42kd

Observed MW: 52kd

Primary Ab: 1μg/ml Rabbit Anti-Human GDA Antibody

Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: Hela cell

Primary Ab: 20μg/ml Rabbit Anti-Human GDA Antibody

Second Ab: 2μg/ml AF488-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.