

PAB932Hu02

Polyclonal Antibody to Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)

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: 0.27mg/mL

UOM: 20µg(74µL)

Cross Reactivity: Mouse;Rat;Porcine

Applications: WB; IHC; ICC/IF; FCM

[IMMUNOGEN]

Immunogen: Recombinant GAPDH (Thr154~Val324) expressed in *E.coli*

Accession No.: RPB932Hu02

[APPLICATIONS]

Western blotting: 0.01-2?g/mL;

Immunohistochemistry: 5-20?g/mL;

Immunofluorescence: 5-20µg/mL;

Flow cytometry: 20?g/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.

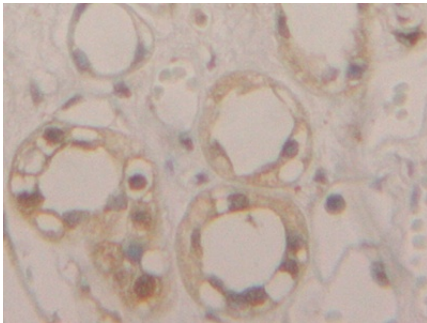
Store at 4°C for frequent use.

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

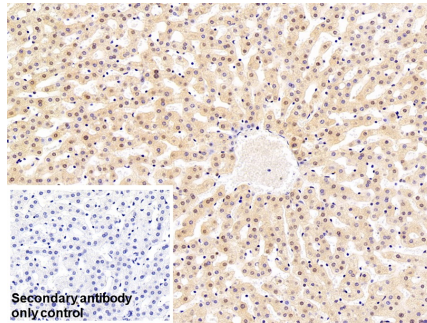
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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.

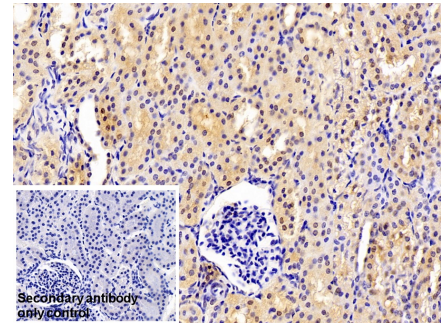
[IDENTIFICATION]



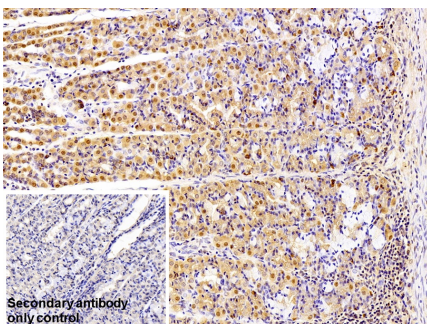
DAB staining on IHC-P;
Samples: Human Kidney Tissue;
Primary Ab: 20µg/ml Rabbit Anti-Human GAPDH Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



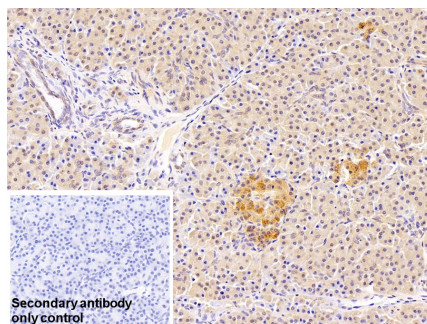
DAB staining on IHC-P;
Sample: Porcine Liver Tissue
Primary Ab: 10µg/ml Rabbit Anti-Human GAPDH Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



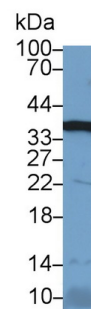
DAB staining on IHC-P;
Sample: Porcine Kidney Tissue
Primary Ab: 10µg/ml Rabbit Anti-Human GAPDH Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Porcine Stomach Tissue
Primary Ab: 10µg/ml Rabbit Anti-Human GAPDH Antibody
Control: Used PBS instead of primary antibody

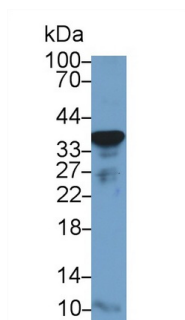


DAB staining on IHC-P;
Sample: Porcine Pancreas Tissue
Primary Ab: 10µg/ml Rabbit Anti-Human GAPDH Antibody
Control: Used PBS instead of primary antibody



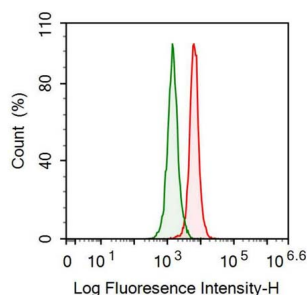
Western Blot; Sample: Mouse Liver lysate;
Primary Ab: 1µg/ml Rabbit Anti-Human GAPDH Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



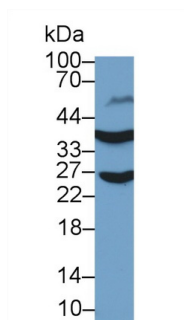
Western Blot; Sample: Mouse Placenta
lysate;

Primary Ab: 1μg/ml Rabbit Anti-Human
GAPDH Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Human Hela cell was stained with
20μg/ml rabbit Anti-human GAPDH
Polyclonal Antibody (Catalog
PAB932Hu02, red histogram) or
Isotype control antibody (Catalog
IS067-Rb01, green histogram), followed
by 1μg/ml FITC-conjugated Anti-rabbit
IgG Secondary Antibody (Catalog
SAA544Rb18).

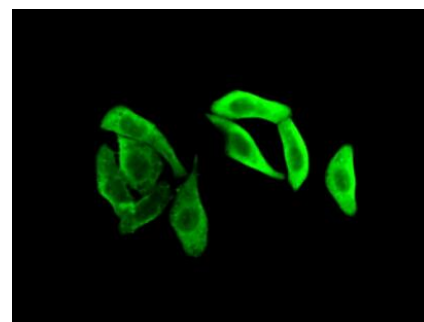
Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Human Liver
lysate;

Primary Ab: 1μg/ml Rabbit Anti-Human
GAPDH Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Antibody
(Catalog: SAA544Rb19)



FITC staining on IF;
Sample: HepG2 cell
Primary Ab: 10μg/ml Rabbit Anti-
Human GAPDH Antibody
Second Ab: 2?g/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.