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: 0.5mg/mL

UOM: 100μL

Cross Reactivity: Mouse;Rat

Applications: WB; IHC; ICC; IP; 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;

Immunocytochemistry: 5-20?g/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 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]

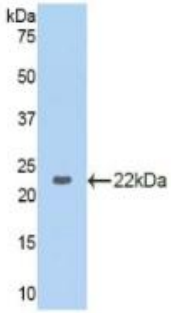
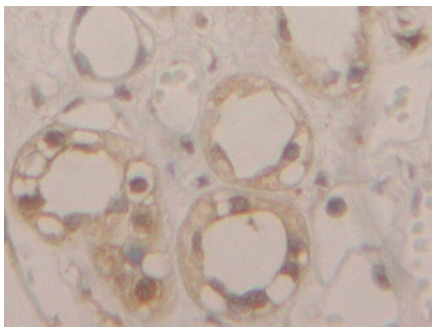
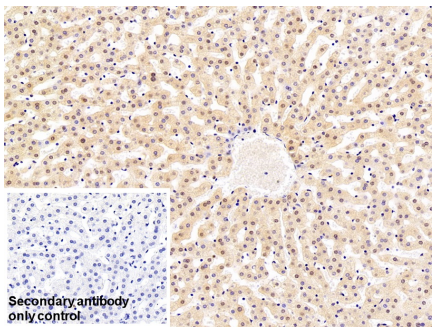


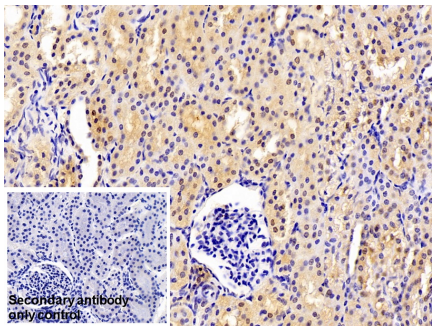
Figure. Western Blot; Sample: Recombinant GAPDH, Human.



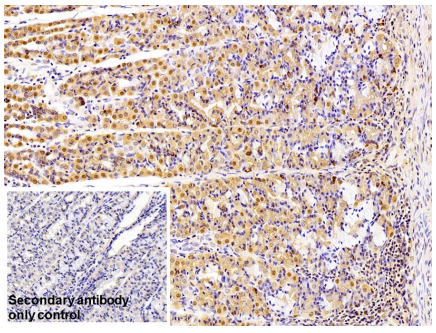
DAB staining on IHC-P;
Samples: Human Kidney Tissue;
Primary Ab: 20μg/ml Rabbit Anti-Human GAPDH Antibody
Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



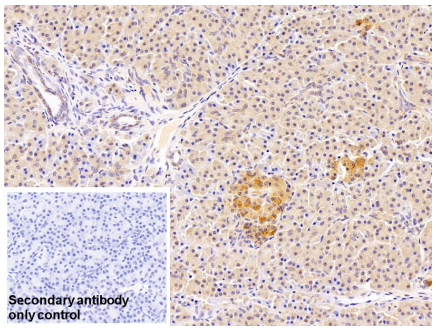
DAB staining on IHC-P;
Sample: Porcine Liver Tissue
Primary Ab: 10μg/ml Rabbit Anti-Human GAPDH Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



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

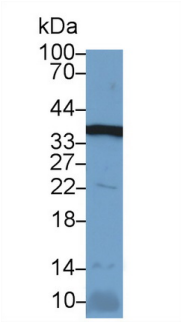


DAB staining on IHC-P;
Sample: Porcine Stomach Tissue
Primary Ab: 10μg/ml Rabbit Anti-Human GAPDH Antibody
Control: Used PBS instead of primary



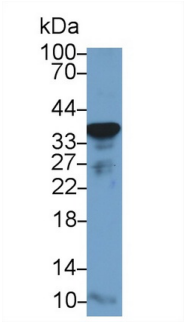
DAB staining on IHC-P;
Sample: Porcine Pancreas Tissue
Primary Ab: 10μg/ml Rabbit Anti-Human GAPDH Antibody
Control: Used PBS instead of primary

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



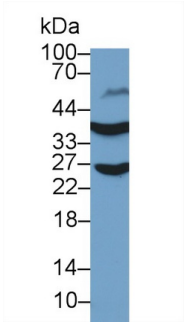
Western Blot; Sample: Mouse Liver lysate;
Primary Ab: 1µg/ml Rabbit Anti-Human GAPDH Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

antibody
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)

antibody
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)

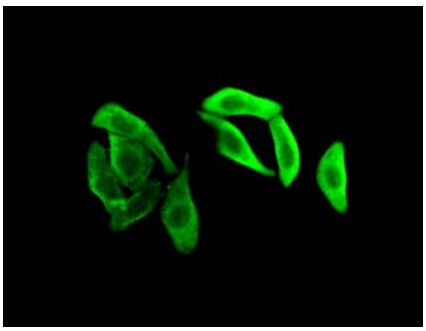
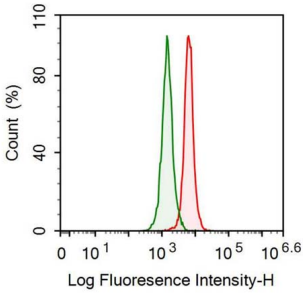


Figure: FITC staining on IHC-P; Sample: HepG2 cells.



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).

[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.