

PAB932Hu01

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; Cavia; Canine; Porcine; Bovine; Caprine; Equine; Gallus.

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant GAPDH (Gly2~Ser148) expressed in *E.coli*

Accession No.: RPB932Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/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.

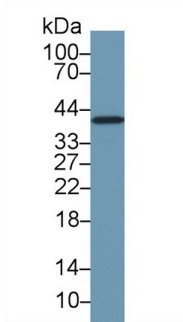
Store at 4°C for frequent use.

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

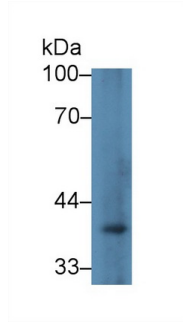
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

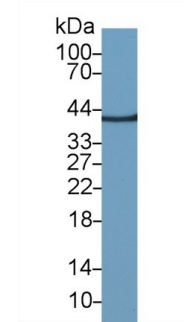
[IDENTIFICATION]



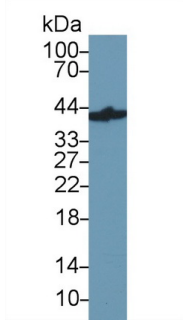
Western Blot; Sample: Human 293T cell lysate;
 Primary Ab: 0.25µg/ml Rabbit Anti-Human GAPDH Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



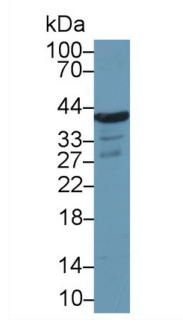
Western Blot; Sample: Human Lymphocyte lysate;
 Primary Ab: 3µg/ml Rabbit Anti-Human GAPDH Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



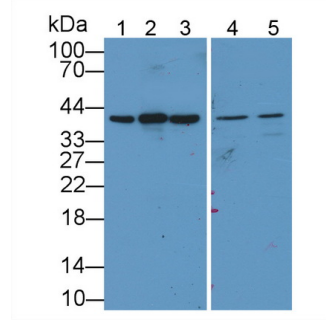
Western Blot; Sample: Mouse Colon lysate;
 Primary Ab: 0.25µg/ml Rabbit Anti-Human GAPDH Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



Western Blot; Sample: Human MCF7 cell lysate;
 Primary Ab: 0.25µg/ml Rabbit Anti-Human GAPDH Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

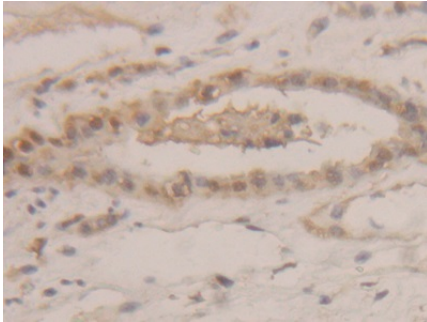


Western Blot; Sample: Human A431 cell lysate;
 Primary Ab: 0.25µg/ml Rabbit Anti-Human GAPDH Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Bovine Liver lysate; Lane2: Bovine Cerebrum lysate; Lane3: Bovine Heart lysate; Lane4: Equine Liver lysate; Lane5: Equine Heart lysate
 Primary Ab: 0.5µg/mL Rabbit Anti-Human GAPDH Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody (Catalog: SAA544Rb19)



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)

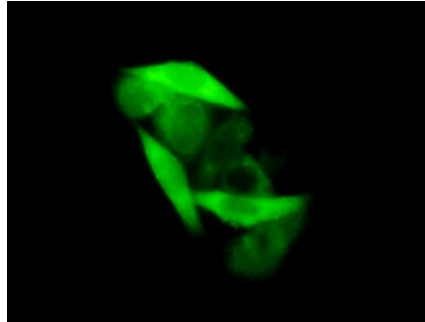


Figure: FITC staining on IHC-P;

Sample: MCF7 cells.

[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.