

PAB215Hu02

Polyclonal Antibody to Fibrinogen Beta Chain (FGB)

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

Applications: WB; IHC; FCM

[IMMUNOGEN]

Immunogen: Recombinant FGB (Lys29~Gln491) expressed in *E.coli*

Accession No.: RPB215Hu02

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Flow cytometry: 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.

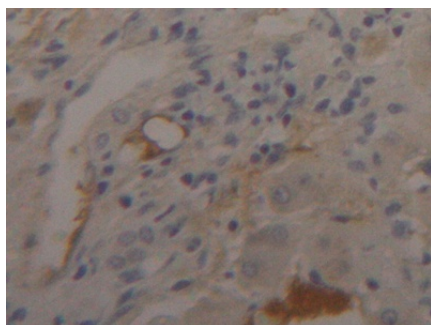
Store at 4°C for frequent use.

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

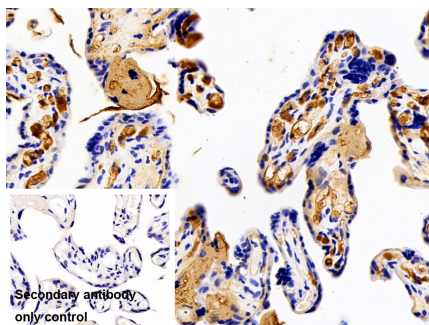
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

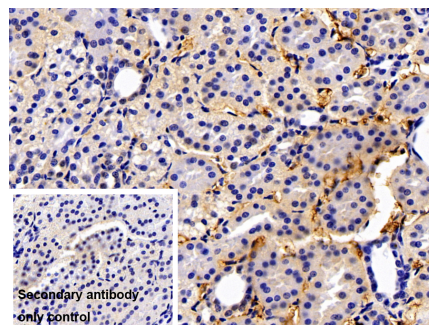
[IDENTIFICATION]



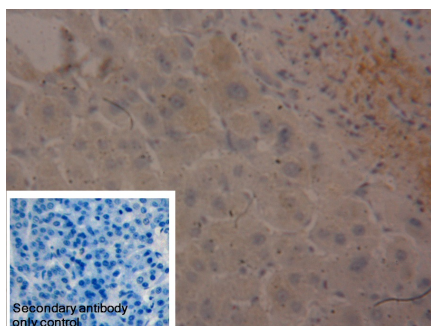
DAB staining on IHC-P; Samples:
Human Liver Tissue; Primary Ab:
10µg/ml Rabbit Anti-Human FGB
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



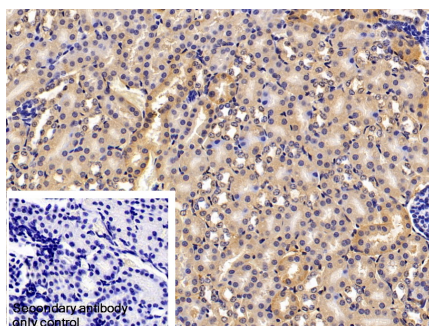
DAB staining on IHC-P;
Sample: Human Placenta Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human FGB Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



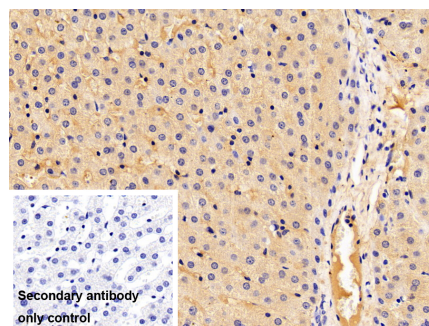
DAB staining on IHC-P;
Sample: Porcine Kidney Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human FGB Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Human Liver Tissue
Primary Ab: 20µg/ml Rabbit Anti-
Human FGB Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked



DAB staining on IHC-P;
Sample: Mouse Kidney Tissue
Primary Ab: 20µg/ml Rabbit Anti-
Human FGB Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked

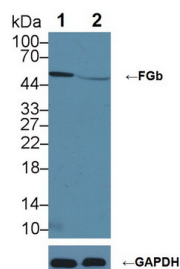


DAB staining on IHC-P;
Sample: Porcine Liver Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human FGB Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type HeLa cell lysate;

Lane 2: FgB knockout HeLa cell lysate;

Predicted MW: 56kDa

Observed MW: 56kDa

Primary Ab: 2µg/ml Rabbit Anti-Human

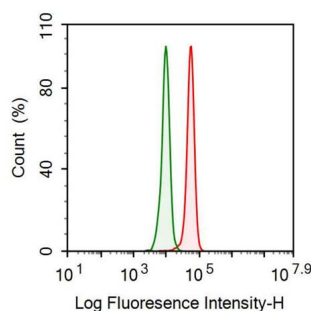
FgB Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

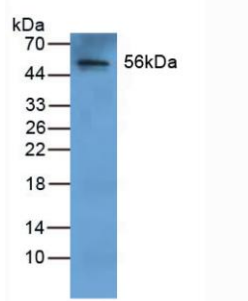


Human HepG2 cell was fixed with 2% paraformaldehyde (10 min) , permeabilised with 0.1% BSA-Triton X-100, then stained with 20µg/ml rabbit Anti-human FGB Polyclonal Antibody (Catalog PAB215Hu02, red histogram) or Isotype control antibody (Catalog

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Liver lysate

Primary Ab: 2µg/ml Rabbit Anti-Human

FgB Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

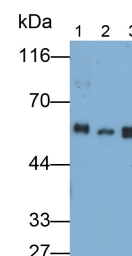
Antibody

(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Human

Placenta lysate; Lane2: Porcine Liver

lysate; Lane3: Porcine Lung lysate;

Primary Ab: 0.05µg/ml Rabbit Anti-

Human FGB Antibody

Second Ab: 0.2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

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.