

PAB243Hu01

Polyclonal Antibody to Heart-type Fatty Acid Binding Protein (H-FABP)

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: 0.41mg/mL

UOM: 100µL

Cross Reactivity: Mouse;Rat;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant H-FABP (Met1~Ala133) expressed in *E.coli*

Accession No.: RPB243Hu01

[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.

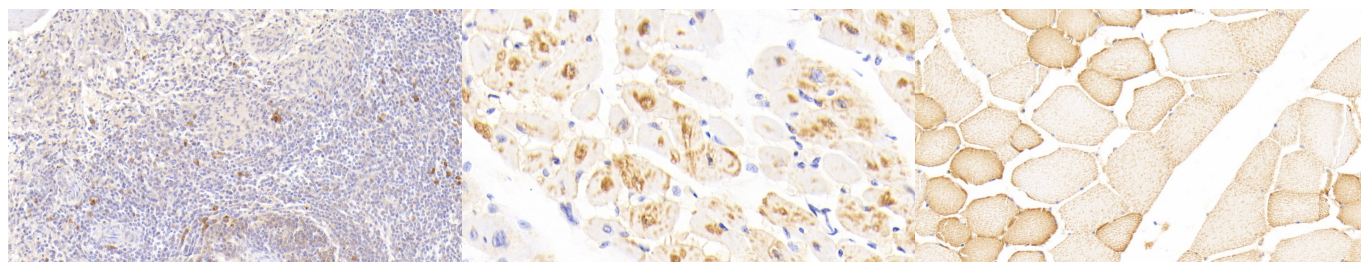
Store at 4°C for frequent use.

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.

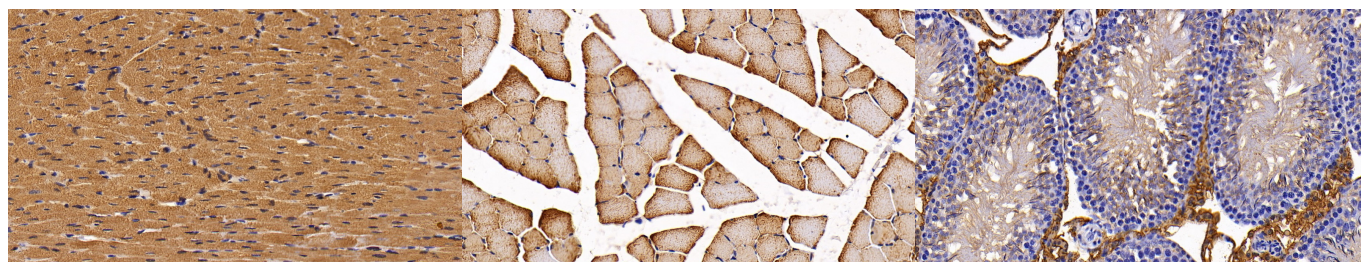
[IDENTIFICATION]



DAB staining on IHC-P; Samples:
Human Spleen Tissue; Primary Ab:
20?g/ml Rabbit Anti-Human FABP3
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)

DAB staining on IHC-P;
Samples: Human Cardiac Muscle
Tissue;
Primary Ab: 20?g/ml Rabbit Anti-
Human FABP3 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

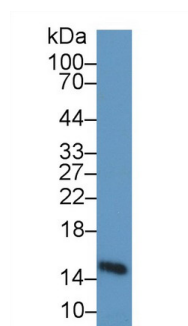
DAB staining on IHC-P;
Samples: Human Skeletal muscle
Tissue;
Primary Ab: 20?g/ml Rabbit Anti-
Human FABP3 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



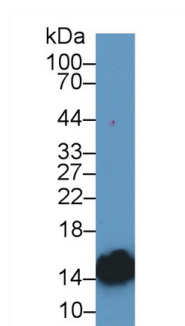
DAB staining on IHC-P;
Sample: Rat Cardiac Muscle Tissue;
Primary Ab: 20ug/ml Rabbit Anti-
Human H-FABP Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

DAB staining on IHC-P;
Sample: Rat Skeletal muscle Tissue;
Primary Ab: 20ug/ml Rabbit Anti-
Human H-FABP Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

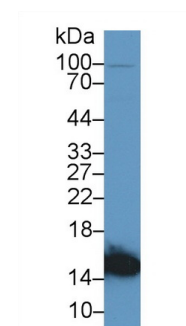
DAB staining on IHC-P;
Sample: Rat Testis Tissue;
Primary Ab: 20ug/ml Rabbit Anti-
Human H-FABP Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



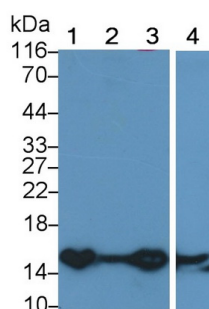
Western Blot; Sample: Porcine Heart lysate;
Primary Ab: 1µg/ml Rabbit Anti-Human FABP3 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19) Selected



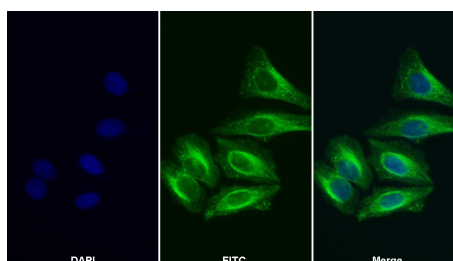
Western Blot; Sample: Rat Heart lysate;
Primary Ab: 1µg/ml Rabbit Anti-Human FABP3 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19) Selected



Western Blot; Sample: Mouse Heart lysate;
Primary Ab: 1µg/ml Rabbit Anti-Human FABP3 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19) Selected

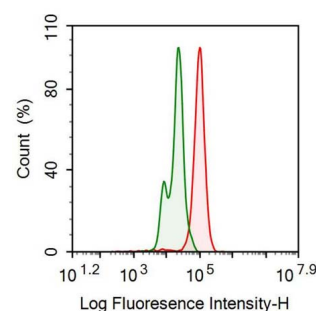


Western Blot; Sample: Lane1: Porcine Heart lysate; Lane2: Porcine Skeletal muscle lysate; Lane3: Rat Heart lysate; Lane4: Rat Kidney lysate
Primary Ab: 0.1µg/ml Rabbit Anti-Human H-FABP Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19) Selected



FITC staining on IF;

Sample: Human HepG2 cell;
Primary Ab: 20ug/ml Rabbit Anti-Human H-FABP Antibody
Second Ab: 2µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb18)



Human MDA-MB-231 cell was fixed with 2% paraformaldehyde (10 min) , permeabilised with 0.1% BSA-Triton X-100, then stained with 20µg/ml rabbit Anti-human H-FABP Polyclonal Antibody (Catalog PAB243Hu01, 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.