

PAB985Ra01

Polyclonal Antibody to Fatty Acid Binding Protein 5 (FABP5)

Organism Species: *Rattus norvegicus* (Rat)

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: 0.49mg/mL

UOM: 10µL

Cross Reactivity: Human;Mouse

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant FABP5 (Met1~Gln135 (Accession # P55053)) expressed in *E.coli*

Accession No.: RPB985Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/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.

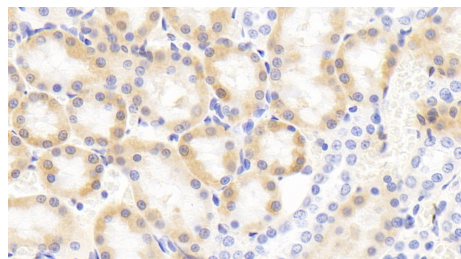
Store at 4°C for frequent use.

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

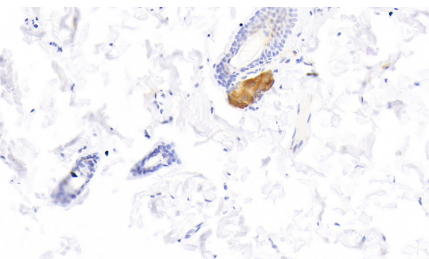
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

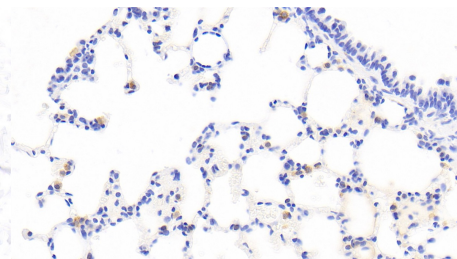
[IDENTIFICATION]



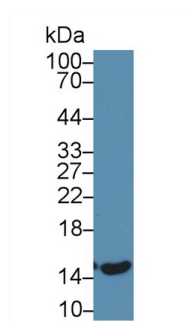
DAB staining on IHC-P; Samples: Rat Kidney Tissue; Primary Ab: 10 μ g/ml Rabbit Anti-Rat FABP5 Antibody
Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



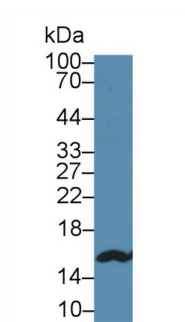
DAB staining on IHC-P; Samples: Rat Skin Tissue; Primary Ab: 10 μ g/ml Rabbit Anti-Rat FABP5 Antibody
Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



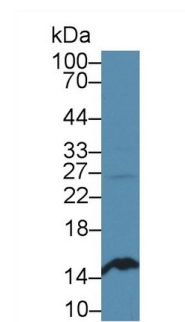
DAB staining on IHC-P; Samples: Rat Lung Tissue; Primary Ab: 10 μ g/ml Rabbit Anti-Rat FABP5 Antibody
Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



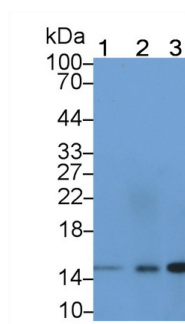
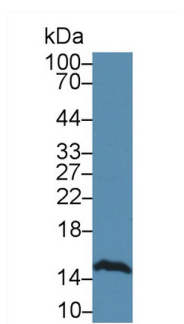
Western Blot; Sample: Mouse Skin lysate; Primary Ab: 1 μ g/ml Rabbit Anti-Rat FABP5 Antibody
Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Rat Skin lysate; Primary Ab: 1 μ g/ml Rabbit Anti-Rat FABP5 Antibody
Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Rat Brain lysate; Primary Ab: 1 μ g/ml Rabbit Anti-Rat FABP5 Antibody
Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Rat Spinal cord Western Blot; Sample: Lane1: 293T cell

lysate;

lysate; Lane2: A549 cell lysate; Lane3:

Primary Ab: 1 μ g/ml Rabbit Anti-Rat

A431 cell lysate

FABP5 Antibody

Primary Ab: 1 μ g/ml Rabbit Anti-Rat

Second Ab: 0.2 μ g/mL HRP-Linked

FABP5 Antibody

Caprine Anti-Rabbit IgG Polyclonal

Second Ab: 0.2 μ g/mL HRP-Linked

Antibody

Caprine Anti-Rabbit IgG Polyclonal

(Catalog: SAA544Rb19)

Antibody

(Catalog: SAA544Rb19)

[**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.