

PAF589Hu01

Polyclonal Antibody to Microfibrillar Associated Protein 4 (MFAP4)

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: 0.43mg/mL

UOM: 100μL

Cross Reactivity: Mouse;Rat;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant MFAP4 (Val22~Ala255) expressed in *E.coli*

Accession No.: RPF589Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

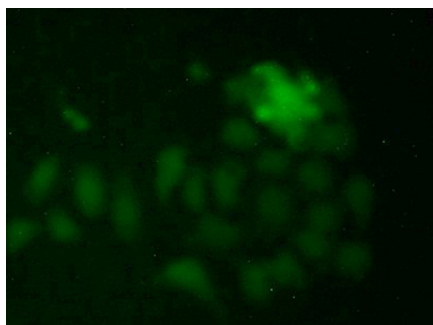
Store at 4°C for frequent use.

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

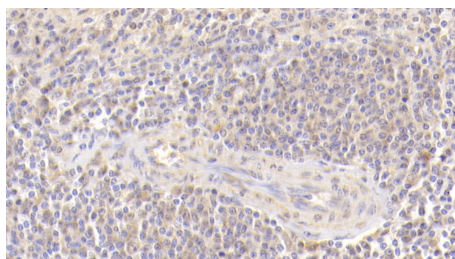
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

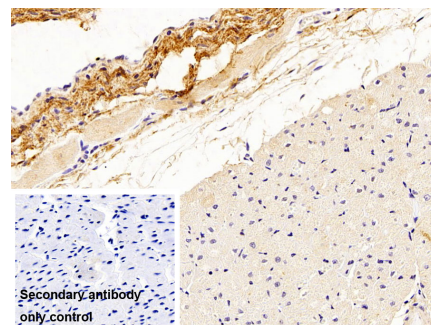
[IDENTIFICATION]



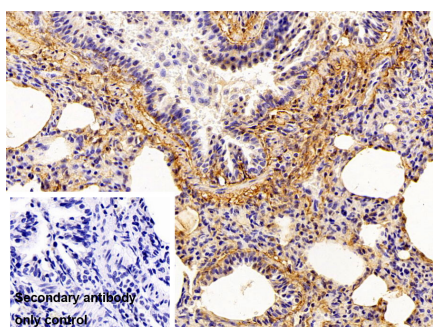
FITC staining on IF; Samples: Human PC3 Cells; Primary Ab: 20µg/ml Rabbit Anti-Human MFAP4 Antibody Second Ab: 1µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb18)



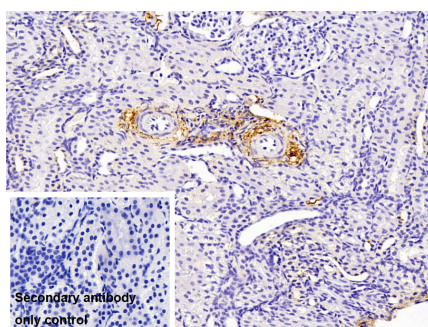
DAB staining on IHC-P;
Samples: Human Spleen Tissue;
Primary Ab: 20µg/ml Rabbit Anti-Human MFAP4 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



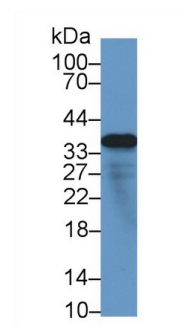
DAB staining on IHC-P;
Sample: Porcine Cardiac Muscle Tissue
Primary Ab: 10µg/ml Rabbit Anti-Human MFAP4 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Porcine Lung Tissue
Primary Ab: 10µg/ml Rabbit Anti-Human MFAP4 Antibody
Control: Used PBS instead of primary antibody

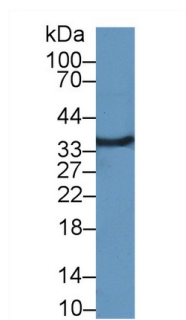


DAB staining on IHC-P;
Sample: Porcine Kidney Tissue
Primary Ab: 10µg/ml Rabbit Anti-Human MFAP4 Antibody
Control: Used PBS instead of primary antibody



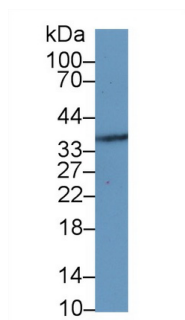
Western Blot; Sample: Human Lung lysate;
Primary Ab: 1µg/ml Rabbit Anti-Human MFAP4 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

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



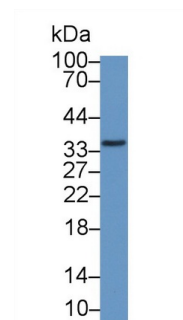
Western Blot; Sample: Rat Kidney
lysate;

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



Western Blot; Sample: Rat Prostate
lysate;

Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Rat Bladder
lysate;

Primary Ab: 1μg/ml Rabbit Anti-Human
MFAP4 Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Primary Ab: 1μg/ml Rabbit Anti-Human
MFAP4 Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Primary Ab: 1μg/ml Rabbit Anti-Human
MFAP4 Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
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(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.