

PAB054Mu01

Polyclonal Antibody to Apoptotic Peptidase Activating Factor 1 (APAF1)

Organism Species: *Mus musculus* (Mouse)

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: 0.24mg/mL

UOM: 20µL

Cross Reactivity: Rat

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant APAF1 (Arg872~Phe1135 (Accession # O88879)) expressed in *E.coli*

Accession No.: RPB054Mu01

[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 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]

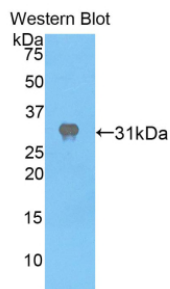
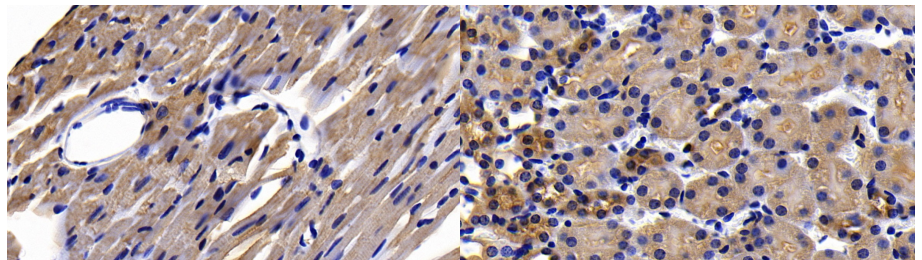
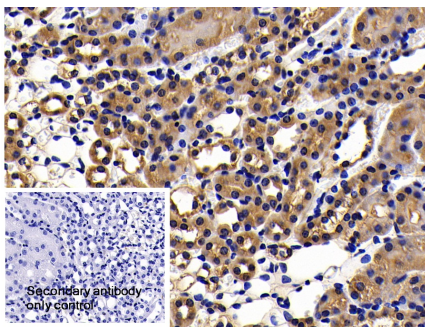


Figure. Western Blot; Sample: Recombinant APAF1, Mouse.



DAB staining on IHC-P; Samples: Mouse Cardiac Muscle Tissue; Primary Ab: 20ug/ml Rabbit Anti-Mouse APAF1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Samples: Mouse Kidney Tissue; Primary Ab: 20ug/ml Rabbit Anti-Mouse APAF1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



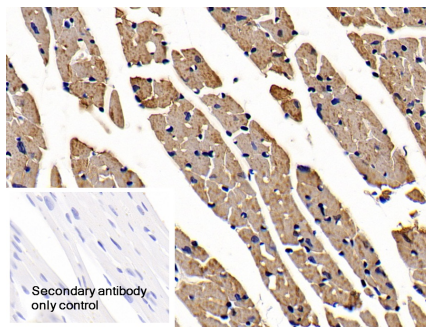
DAB staining on IHC-P;

Sample: Mouse Kidney Tissue

Primary Ab: 20μg/ml Rabbit Anti-Mouse APAF1 Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



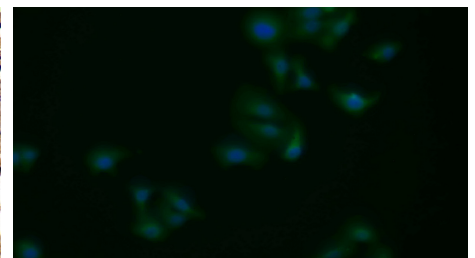
DAB staining on IHC-P;

Sample: Mouse Cardiac Muscle Tissue

Primary Ab: 20μg/ml Rabbit Anti-Mouse APAF1 Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



FITC staining on IF;

Samples: Human Hela cell;

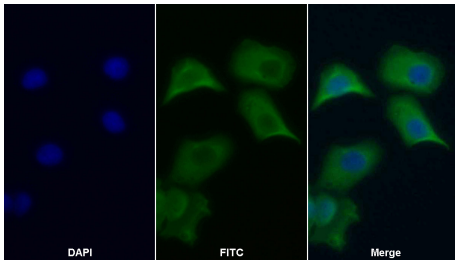
Primary Ab: 20μg/ml Rabbit Anti-Mouse APAF1 Antibody

Second Ab: 1.5μg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb18)

(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)



FITC staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Rabbit Anti-Mouse

APAF1 Antibody

Second Ab: 2µg/ml FITC-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb11)

[**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.