

PAB156Mu01

Polyclonal Antibody to c-Jun N-terminal Kinase 1 (JNK1)

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: 0.5mg/mL

UOM: 20 μ L

Cross Reactivity: Human;Rat;Cavia;Canine;Porcine;Porcine;Bovine;Caprine;Ovine;Gallus

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant JNK1 (Gly138~Val382) expressed in *E.coli*

Accession No.: RPB156Mu01

[APPLICATIONS]

Western blotting: 0.01-3 μ g/mL;

Immunohistochemistry: 5-30 μ g/mL;

Immunocytochemistry: 5-30 μ g/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]

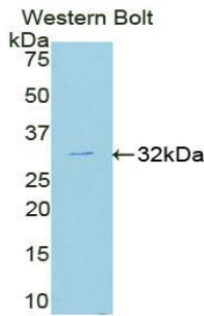
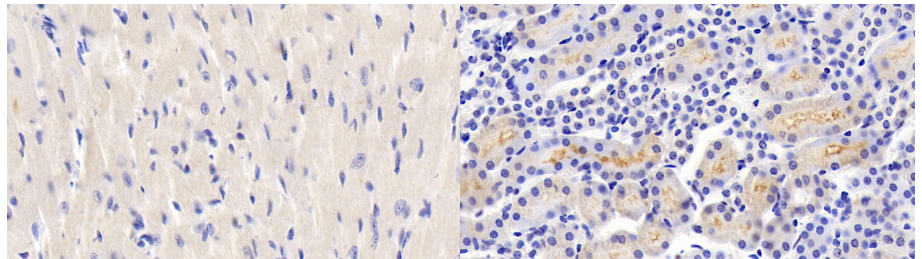
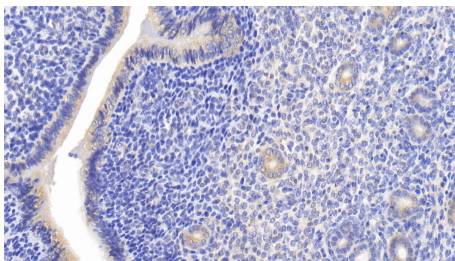


Figure. Western Blot; Sample: Recombinant MAPK8, Mouse.

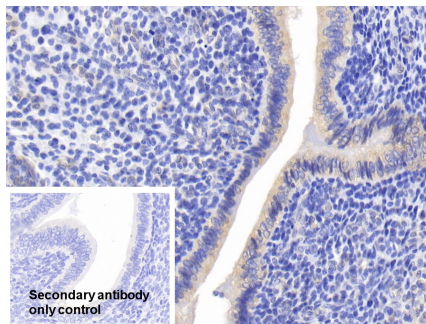


DAB staining on IHC-P; Samples: Mouse Cardiac Muscle Tissue; Primary Ab: 20µg/ml Rabbit Anti-Mouse MAPK8 Primary Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

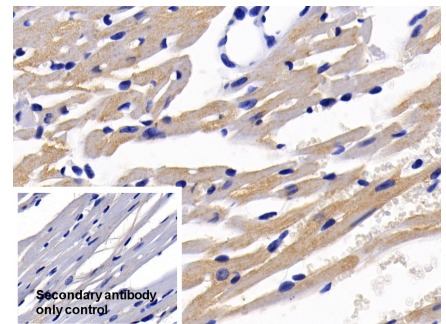
DAB staining on IHC-P; Samples: Mouse Kidney Tissue; Primary Ab: 20µg/ml Rabbit Anti-Mouse MAPK8 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



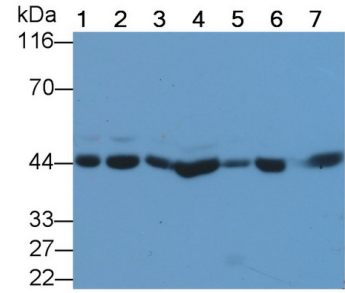
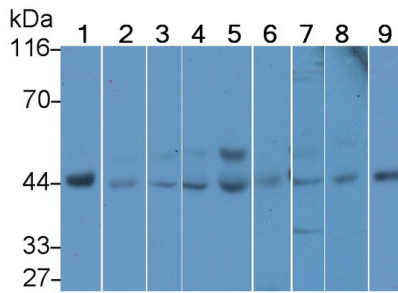
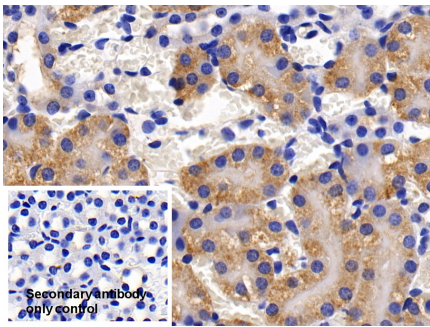
DAB staining on IHC-P; Samples: Mouse Uterus Tissue; Primary Ab: 30µg/ml Rabbit Anti-Mouse MAPK8 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Mouse Uterus Tissue Primary Ab: 30µg/ml Rabbit Anti-Mouse JNK1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



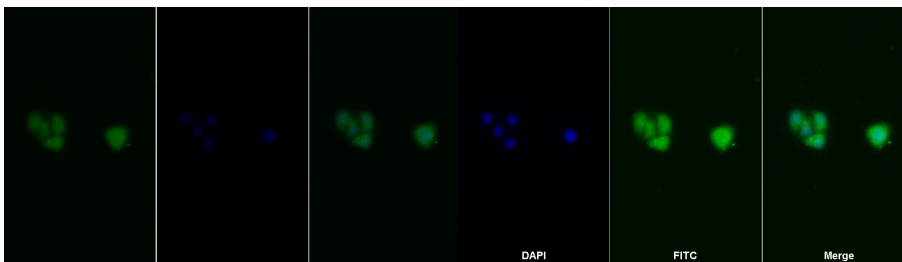
DAB staining on IHC-P; Sample: Mouse Cardiac Muscle Tissue Primary Ab: 20µg/ml Rabbit Anti-Mouse JNK1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P;
 Sample: Mouse Kidney Tissue
 Primary Ab: 20µg/ml Rabbit Anti-Mouse JNK1 Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

Western Blot; Sample: Lane1: Mouse Cerebrum lysate; Lane2: Rat Cerebrum lysate; Lane3: HeLa cell lysate; Lane4: Mouse Colon lysate; Lane5: Mouse Spleen lysate; Lane6: Rat Spleen lysate; Lane7: A431 cell lysate; Lane8: Porcine Spleen lysate; Lane9: Porcine Cerebrum lysate
 Primary Ab: 1?g/ml Rabbit Anti-Mouse MAPK8 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

Western Blot; Sample: Lane1: Porcine Cerebrum lysate; Lane2: Mouse Cerebrum lysate; Lane3: Bovine Cerebrum lysate; Lane4: Caprine Cerebrum lysate; Lane5: Canine Cerebrum lysate; Lane6: Gallus Cerebrum lysate; Lane7: Cavia Cerebrum lysate
 Primary Ab: 0.2µg/ml Rabbit Anti-Mouse MAPK8 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



FITC staining on IF;
 Sample: Human HeLa cell;
 Primary Ab: 20?g/ml Rabbit Anti-Mouse JNK1 Antibody
 Second Ab: 1.5?g/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb18)

FITC staining on IF;
 Sample: HeLa cell
 Primary Ab: 20µg/ml Rabbit Anti-Mouse JNK1 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.