

PAA553Ra01

Polyclonal Antibody to Matrix Metalloproteinase 9 (MMP9)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.44mg/ml

UOM: 50µg(114µl)

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant MMP9 (Ala226~Asp391) expressed in *E.coli*

Accession No.: RPA553Ra01

[APPLICATIONS]

Western blotting: 0.5-2µg/mL;1:200-800

Immunohistochemistry: 5-20µg/mL;1:200-800

Immunocytochemistry: 5-20µg/mL;1:200-800

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 12 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]

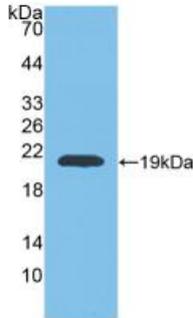


Figure. Western Blot; Sample: Recombinant MMP9, Rat.

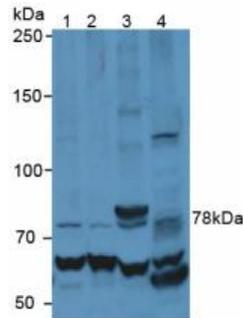
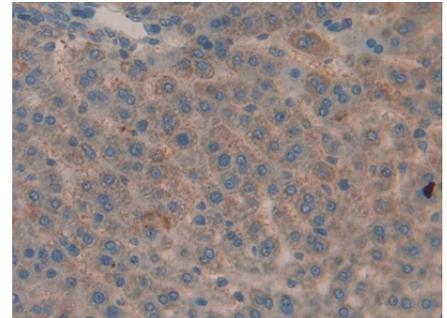
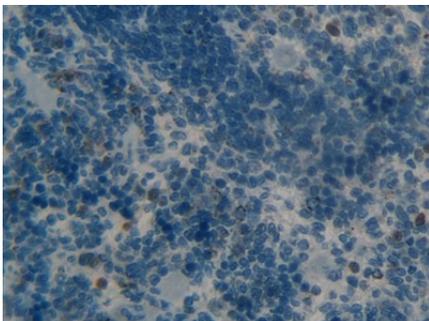


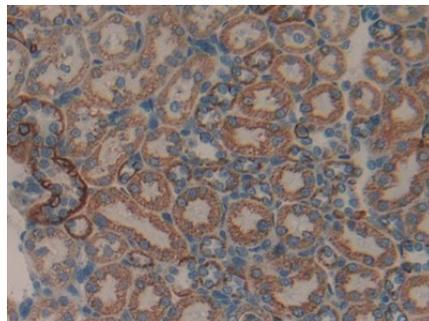
Figure. Western Blot; Sample: Lane1: Human Jurkat Cells; Lane2: Human HepG2 Cells; Lane3: Human Raji Cells; Lane4: Rat Brain Tissue.



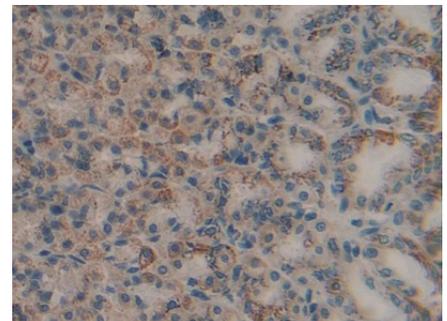
DAB staining on IHC-P; Samples: Rat Liver Tissue; Primary Ab: 10µg/ml Rabbit Anti-Rat MMP9 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Rat Spleen Tissue; Primary Ab: 10µg/ml Rabbit Anti-Rat MMP9 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Rat Kidney Tissue; Primary Ab: 10µg/ml Rabbit Anti-Rat MMP9 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Rat Stomach Tissue; Primary Ab: 10µg/ml Rabbit Anti-Rat MMP9 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal 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.