PAA279Mu01

Polyclonal Antibody to Poly ADP Ribose Polymerase (PARP)

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: 100µL

Cross Reactivity: Human;Rat

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant PARP (Lys661~Pro881) expressed in *E.coli*

Accession No.: RPA279Mu01

[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 4ºC for frequent use.

Aliquot and store at -20ºC 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]

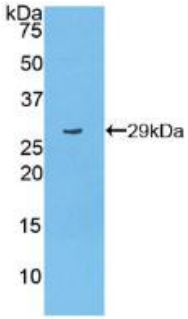
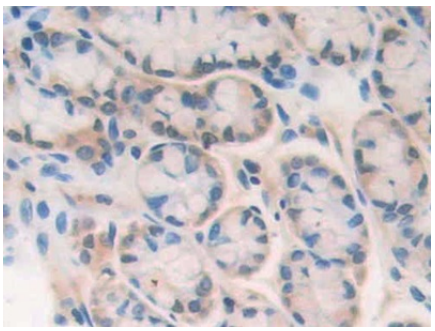
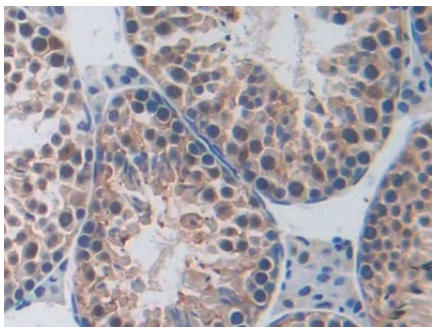


Figure. Western Blot; Sample: Recombinant PARP, Mouse.



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



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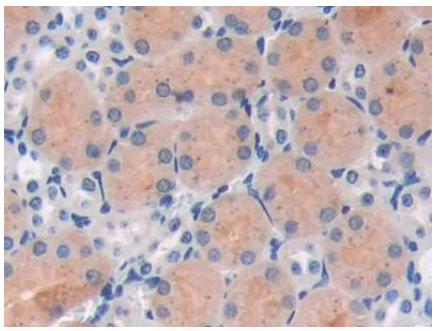
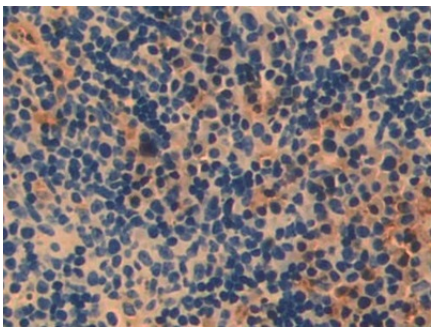
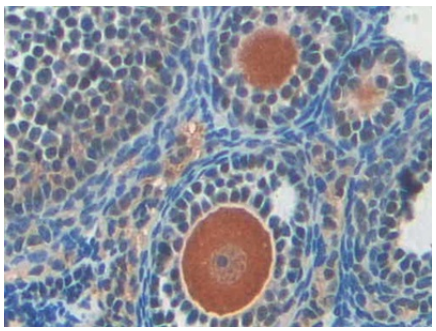


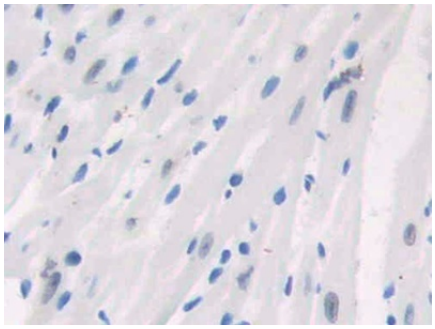
DAB staining on IHC-P; Samples: Mouse Kidney Tissue; Primary Ab: 10μg/ml Rabbit Anti-Mouse PARP Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



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



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



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

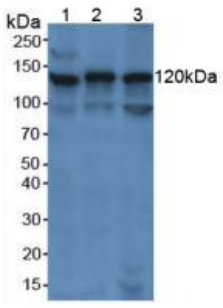
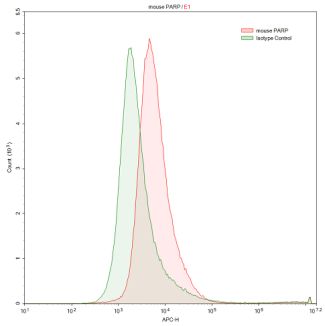


Figure. Western Blot; Sample: Lane1: Human Jurkat Cells; Lane2: Human K562 Cells; Lane3: Human Raji Cells.



K562 human chronic myelogenous leukemia cell line was stained with rabbit Anti-mouse PARP Polyclonal Antibody (Catalog # PAA279Mu01, filled red histogram) or Isotype control antibody (Catalog # IS067-Rb01, filled green histogram), followed by APC-conjugated Anti-rabbit IgG Secondary Antibody (Catalog # SAA544Rb15). Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100.

[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.