

# PARP1 Rabbit pAb

Catalog No.: A0942

39 Publications

## Basic Information

**Observed MW**

89kDa/113kDa

**Calculated MW**

113kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

## Background

This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosyl)ation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes.

## Recommended Dilutions

**WB** 1:1000 - 1:5000**IF/ICC** 1:50 - 1:200

## Immunogen Information

**Gene ID**

142

**Swiss Prot**

P09874

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 81-390 of human PARP1 (NP\_001609.2).

**Synonyms**

PARP; PARS; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1; Poly-PARP; PARP1

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

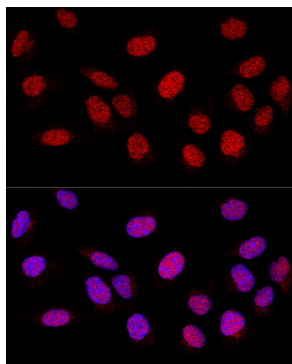
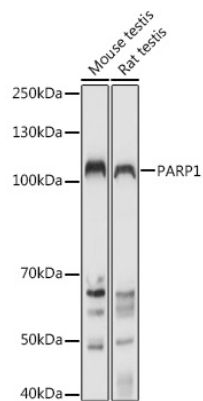
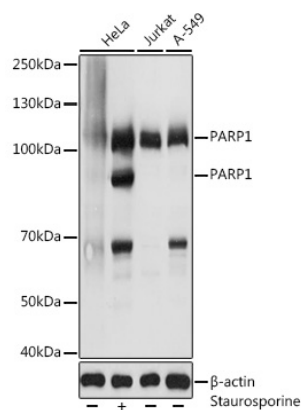
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Confocal immunofluorescence analysis of U-2 OS cells using PARP1 Rabbit pAb (A0942) at dilution of 1:200. Blue: DAPI for nuclear staining.