Leader in Biomolecular Solutions for Life Science

# PARP1 Rabbit pAb

## Catalog No.: A0942

61 Publications

www.abclonal.com

## Basic Information

**Observed MW**
25 kDa, 89 kDa, 113 kDa

**Calculated MW**
113 kDa

**Category**
Polyclonal Antibodies

**Applications**
WB, IF/ICC, ELISA

**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 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
142

**Swiss-Prot**
P09874

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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


## Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn


## Product Information

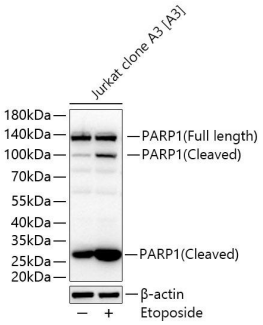
**Source**
Rabbit

**Isotype**
IgG

**Purity**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of lysates from Jurkat clone A3 [A3] cells using PARP1 Rabbit pAb (A0942) at 1:1000 dilution incubated overnight at 4°C. Jurkat clone A3 [A3] cells were treated with Etoposide (100 μM) at 37°C for 4 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10 s.


For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.