

A2432

Leader in Biomolecular Solutions for Life Science



PARP1 Rabbit pAb

Catalog No.: A2432

5 Publications

Basic Information

Observed MW

80kDa

Calculated MW

113kDa

Category

Polyclonal Antibody

Applications

WB, IP

Cross-Reactivity

Human, Mouse, Rat, Monkey

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	1:500 - 1:2000
IP	1:20 - 1:50

Immunogen Information

Gene ID

142

Swiss Prot

P09874

Immunogen

A synthetic peptide of human PARP1

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

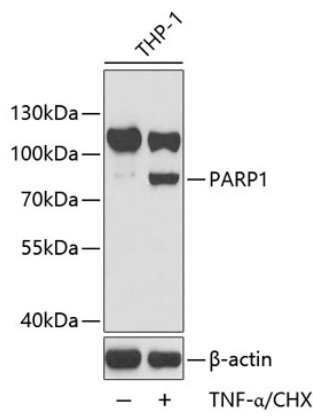
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of THP-1 cells, using PARP1 antibody (A2432).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.