

PARP1

Reactivity: Human Mouse Rat Monkey

Tested applications: WB IF IP

Recommended Dilution: WB 1:500 - 1:2000 IF 1:20 - 1:100 IP 1:20 - 1:50

Calculated MW: 113kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human PARP1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

defip

Synonym:

PARP; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1

Catalog #: A2432

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 142

Isotype: IgG

Swiss Prot: P09874

Purity: Affinity purification

For research use only.

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.

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