

[KO Validated] PARP1 Rabbit Polyclonal Antibody

CAB0942



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

100kDa, 110kDa, 125kDa

Calculated MW:

113kDa

Applications:

WB IHC IF IP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:3000 IHC
1:50 - 1:200 IF 1:50 - 1:200
IP 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a chromatin-associated enzyme, poly(ADP-ribose)transferase, which modifies various nuclear proteins by poly(ADP-ribose)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.

Immunogen information

Gene ID:

142

Uniprot

P09874

Synonyms:

ADPRT; ADPRT 1; ADPRT1; ARTD1; PARP; PARP-1; PPOL; pADPRT-1; PARP1; Cleaved PARP; PARP1

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 81-390 of human PARP1 (NP_001609.2).

Storage:

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

Product Images

