A2432

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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
Synthetic peptide. 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

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Product Information

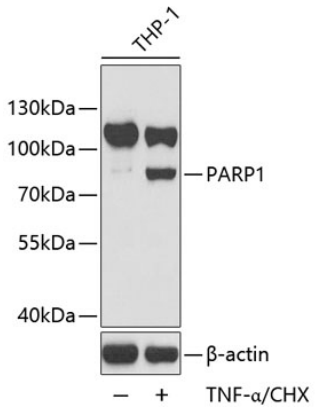
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

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

Validation Data



Western blot analysis of lysates from THP-1 cells, using PARP1 Rabbit pAb (A2432).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.

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