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PARP1 Polyclonal Antibody

Cat #: G-AB-02917

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #: NP_001609.2

Immunogen: Synthetic peptide of human PARP1

Conjugation: Unconjugated

Swissprot: P09874

Calculated Molecular Weight: 113 kDa

Observed Molecular Weight:

Concentration: 0.2 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:500-1:2000, IHC 1:50-1:200

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