

	PARP1 Polyclonal Antibody	E 9 0 0 1 0 a
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Swiss-Prot No.:	P09874
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	A synthetic peptide of human PARP1 (NP_001609.2).
Purification:	Affinity purification
Reactivity:	Human,Mouse
Other Names:	—
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.
Gene ID:	142
Source:	Rabbit
Antibody type:	Polyclonal Antibodies
Isotype:	IgG

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Molecular Weight:	113kDa
Recommended Dilutions:	WB 1:1000 - 1:2000 IF 1:50 - 1:200