



Swiss-Prot No.:	P09874
Altermname:	PARP
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	Synthetic peptide of human PARP, conjugated to KLH.
Purification:	Ascitic fluid
Reactivity:	Human
Other Names:	PARP; PPOL; ADPRT; ADPRT1; PARP-1; pADPRT-1; PARP1
Background:	This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosylation). 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
Cellular localization:	Nucleus

Source:	Mouse
Antibody type:	Monclonal antibody
Isotype:	Mouse IgG1
Molecular Weight:	117kDa
Preservative:	Ascitic fluid containing 0.03% sodium azide.
Recommended Dilutions:	WB: 1/500 - 1/2000; IHC: N/A; ICC: N/A; FCM: 1/200 - 1/400; Elisa: 1/10000
Clone Number:	7A10