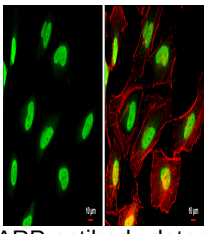
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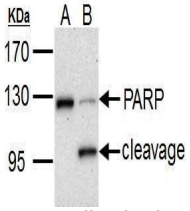
Product Datasheet

PARP antibody
GRP12

Description	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. [provided by RefSeq, Jul 2008]
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ChIP, ICC, IF, IHC-Fr, IHC-P, IP, WB
Immunogen	Recombinant protein encompassing a sequence within the cente region of human PARP1. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.3 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	**P09874**
Entrez	**142**
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



PARP antibody detects PARP protein at nucleus by immunofluorescent analysis.Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.Green: PARP protein stained by PARP antibody (GRP464) diluted at 1:500.Red: Phalloidin, a cytoskeleton marker



PARP1 antibody detects PARP1 protein by western blot analysis.A. 30 ?g HCT116 whole cell lysate/extract (untreated)B. 30 ?g HCT116 whole cell lysate/extract (30 ?M cisplatin treatment for 24hr)7.5% SDS-PAGEPARP1 antibody (GRP464) dilution: