PRODUCT DATA SHEET

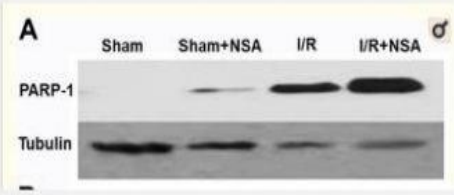
PARP-1 Polyclonal Antibody

Catalog No.	IPB0058
Reactivity	Human; Mouse; Rat
Applications	IHC-p; WB
Dilution	IHC-p: 1:100-1:200 WB: 1:500-2000
Gene Name	PARP1 ADPRT PPOL
Protein Name	PARP-1
Human Gene Id	142
Swiss-Prot	P09874
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Nucleus Nucleus, nucleolus Chromosome Localizes to sites of DNA damage
MW	-
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

Products Images:

Zhou, Li, et al. "Coptisine induces apoptosis in human hepatoma cells through activating 67-kDa laminin receptor/cGMP signaling." Frontiers in pharmacology 9 (2018).

Yao, Chong, et al. "Crocin induces autophagic apoptosis in hepatocellular carcinoma by inhibiting Akt/mTOR activity." OncoTargets and therapy 11 (2018): 2017.



Zhou, Yanlong, et al. "The degradation of mixed lineage kinase domain-like protein promotes neuroprotection after ischemic brain injury." Oncotarget 8.40 (2017): 68393.