

Rabbit PARP-1 Polyclonal Antibody | anti-PARP-1 antibody

PARP-1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318744	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunohistochemistry

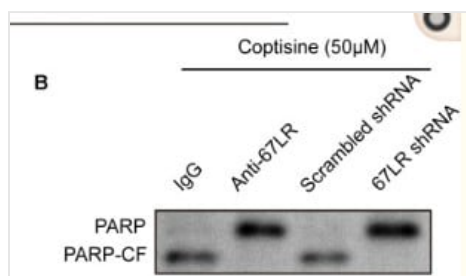
PRODUCT SYNONYMS

PARP-1; Polyclonal Antibody; PARP-1 Rabbit Polyclonal Antibody; Poly [ADP-ribose] polymerase 1 (PARP-1)(EC 2.4.2.30)(ADP-ribosyltransferase diphtheria toxin-like 1)(ARTD1)(NAD (+) ADP-ribosyltransferase 1)(ADPRT 1)(Poly[ADP-ribose] synthase 1); BH6842; anti-PARP-1 antibody

PRODUCT SPECIFICATIONS

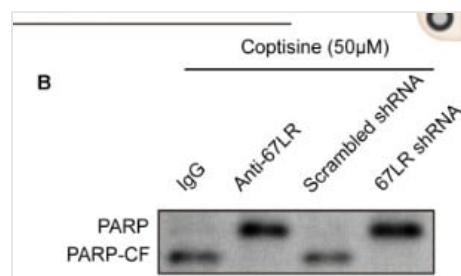
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of human PARP-1
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PARP-1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human PARP-1
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



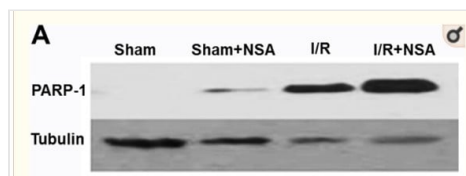
Application Data

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



Application Data

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



Application Data

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

ADDITIONAL INFORMATION

Related Product Information for anti-PARP-1 antibody	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]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156523968
NCBI GeneID	142
NCBI Accession #	NP_001609.2
NCBI GenBank Nucleotide #	NM_001618.3
UniProt Accession #	P09874; Q8IUZ9; B1ANJ4
Molecular Weight	113,084 Da
NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly (ADP-ribose) polymerase 1
NCBI Official Symbol	PARP1
NCBI Official Synonym Symbols	PARP; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1
NCBI Protein Information	poly [ADP-ribose] polymerase 1; poly [ADP-ribose] polymerase 1; poly(ADP-ribose) polymerase; poly(ADP-ribose) synthetase; poly[ADP-ribose] synthase 1; poly(ADP-ribosyl)transferase; ADP-ribosyltransferase NAD(+); NAD(+) ADP-ribosyltransferase 1; poly (ADP-
UniProt Protein Name	Poly [ADP-ribose] polymerase 1
UniProt Gene Name	PARP1
UniProt Synonym Gene Names	ADPRT; PPOL; PARP-1; ARTD1; ADPRT 1
UniProt Entry Name	PARP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/parp-1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/318744>