

Rabbit anti-Human, Mouse PARP-1 Polyclonal Antibody | anti-PARP-1 antibody

PARP-1 N-terminal antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59809	Rabbit	Human, Mouse	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation

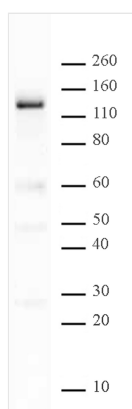
PRODUCT SYNONYMS

PARP-1; Polyclonal Antibody; PARP-1 N-terminal antibody (pAb); PARP; PPOL; ADPRT; ARTD1; ADPRT1; ADPRT 1; pADPRT-1; anti-PARP-1 antibody

PRODUCT SPECIFICATIONS

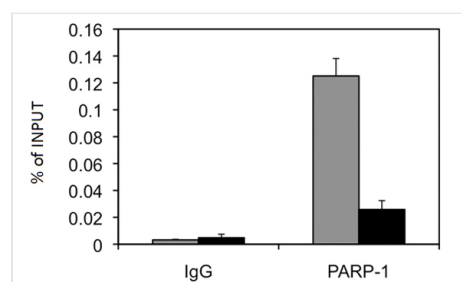
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Form/Format	Rabbit serum containing 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic. For your convenience, an IgG version of this antibody that was purified by Protein A Chromatography is also available.
Applicable Applications for anti-PARP-1 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation)
Immunogen	This PARP-1 N-terminal antibody was raised against a His-Tagged fusion protein corresponding to the N-terminal half of human PARP-1 was used to generate this PARP-1 antibody.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

PARP-1 N-terminal antibody tested by Western blot. HeLa cell nuclear extract (20 ug per lane) was probed with PARP-1 N-terminal antibody at a dilution of 1:20,000.



ChIP (Chromatin Immunoprecipitation)

PARP-1 N-terminal antibody tested by ChIP analysis. Chromatin IP performed with chromatin from 3T3 cells using 8 ul of PARP-1 N-terminal antibody or rabbit IgG as a negative control. Real time, quantitative PCR (RT-qPCR) was performed on DNA purified from each of the ChIP reactions using a primer pair specific for the PPARG2 gene. Data are presented as percent of input from cells with a PARP-1 knock-down (black bars) or a control knock-down (gray bars).

ADDITIONAL INFORMATION

Related Product Information for anti-PARP-1 antibody	Short Description: Our PARP-1 N-terminal antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation and Western blot; it has been shown to react with Human and Mouse samples. Background: PARP-1 N-terminal (ADPRT) encodes a chromatin-associated enzyme, poly(ADP-riboseyl)transferase, that modifies various nuclear proteins by poly(ADP-riboseyl)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. It also plays a role in the regulation of the molecular events involved in the recovery of cells from DNA damage. Cleavage of PARP-1 (ADPRT) occurs following caspase activation during apoptosis. For additional information on PARP-1, please see the review article PARP-1: An Abundant and Ubiquitous Protein with Roles in Many Cellular Processes in the Targets & Applications section or our website.
Product Categories/Family for anti-PARP-1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	156523968
NCBI GeneID	142
NCBI Accession #	NP_001609; AB_2793257
NCBI GenBank Nucleotide #	NM_001618
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; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase); ADP-ribosyltransferase NAD(+); ADP-ribosyltransferase diphtheria toxin-like 1; NAD(+) ADP-ribosyltransferase 1; poly (ADP-ribose)
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-chromatin-immunoprecipitation-elisa/59809>