

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

PARP-1 (Acetyl-K521) Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319041	Rabbit	Human: K521, Mouse: K520, Rat: K521	ELISA, Western Blot

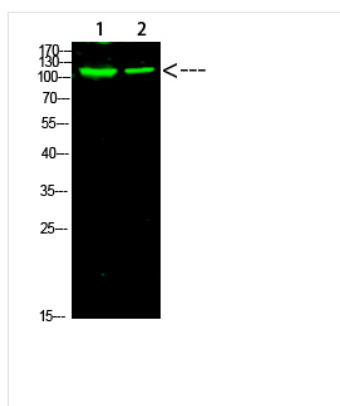
PRODUCT SYNONYMS

PARP-1; Polyclonal Antibody; PARP-1 (Acetyl-K521) 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

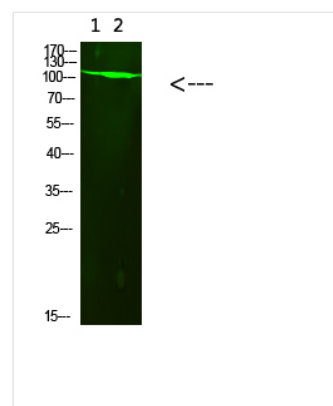
Host	Rabbit
Reactivity	Human: K521, Mouse: K520, Rat: K521
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of PARP-1 (Acetyl-K521), It doesn't reacte with total protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-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	ELISA, WB (Western Blot)
Immunogen	Synthesized Acetyl peptide derived from human PARP-1. at AA range: K521
Modification	Acetyl Specific
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western Blot analysis of 1,mouse-heart 2,mouse-brain cells using primary antibody diluted at 1:1000(4 degree C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25 degree C, 1 hour



WB (Western Blot)

Western Blot analysis of 1,293t 2,mouse-brain cells using primary antibody diluted at 1:1000(4 degree C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25 degree C, 1 hour

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-elisa/319041>