

Rabbit PARP Monoclonal Antibody | anti-PARP antibody

PARP Antibody

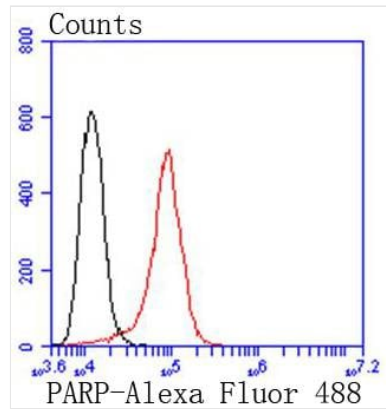
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312218	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

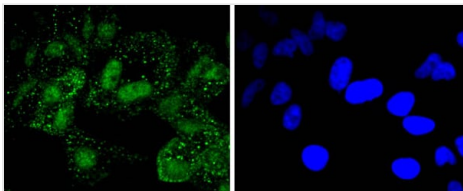
PARP; Monoclonal Antibody; PARP Antibody; ADP ribosyltransferase (NAD⁺; poly (ADP ribose) polymerase) antibody; ADP ribosyltransferase diphtheria toxin like 1 antibody; ADP ribosyltransferase NAD (+) antibody; ADPRT 1 antibody; ADPRT antibody; ADPRT1 antibody; ARTD1 antibody; msPARP antibody; NAD (+) ADP ribosyltransferase 1 antibody; NAD (+) ADP-ribosyltransferase 1 antibody; pADPRT 1 antibody; pADPRT1 antibody; PARP 1 antibody; PARP antibody; PARP-1 antibody; PARP1 antibody; PARP1_HUMAN antibody; Poly (ADP ribose) polymerase 1 antibody; poly (ADP ribose) polymerase family; member 1 antibody; Poly [ADP-ribose] polymerase 1 antibody; Poly (ADP ribose) polymerase antibody; poly (ADP ribose) synthetase antibody; poly (ADP ribosyl)transferase antibody; Poly[ADP ribose] synthetase 1 antibody; Poly[ADP-ribose] synthase 1 antibody; PPOL antibody; anti-PARP antibody

PRODUCT SPECIFICATIONS

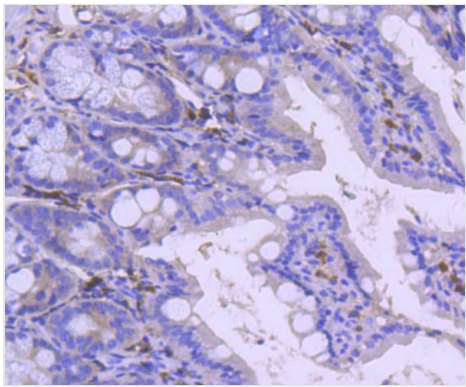
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SU03-68
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PARP antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



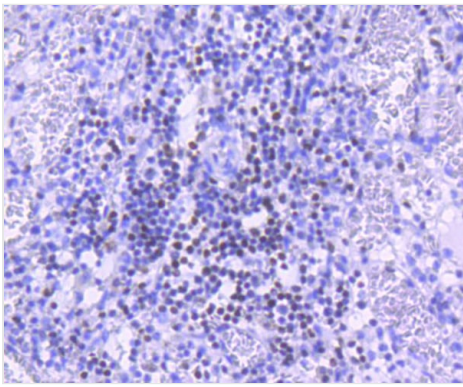
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Hela cells with PARP antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



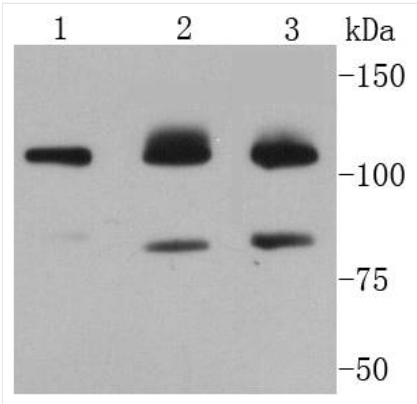
ICC (Immunocytochemistry)
ICC staining PARP in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-PARP antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-PARP antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of PARP on different lysates using anti-PARP antibody at 1/1, 000 dilution. Positive control: Lane 1: A549 Lane 2: Jurkat Lane 3: Hela

ADDITIONAL INFORMATION

Related Product Information for anti-PARP antibody

PARP, a 116 kDa nuclear poly (ADP-ribose) polymerase, appears to be involved in DNA repair in response to environmental stress. This protein can be cleaved by many ICE-like caspases in vitro and is one of the main cleavage targets of caspase-3 in vivo. In human PARP, the cleavage occurs between Asp214 and Gly215, which separates the PARP amino-terminal DNA binding domain (24 kDa) from the carboxy-terminal catalytic domain (89 kDa). PARP helps cells to maintain their viability; cleavage of PARP facilitates cellular disassembly and serves as a marker of cells undergoing apoptosis.

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/monoclonal/parp-antibody-clone-su03-68-flow-cytometry-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312218>