

Rabbit anti-Human PARP1 Polyclonal Antibody | anti-PARP1 antibody

Rabbit anti-PARP1 IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213919	Rabbit	Human	Immunohistochemistry, Immunohistochemistry

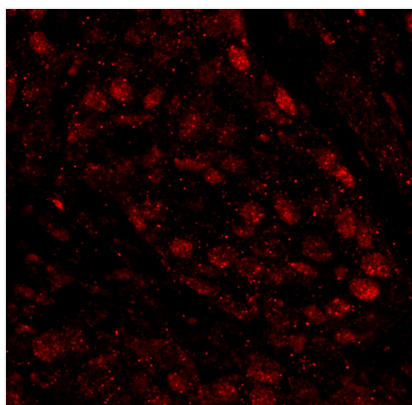
PRODUCT SYNONYMS

PARP1; Polyclonal Antibody; Rabbit anti-PARP1 IHC Antibody; Affinity Purified; PPOL; PARP-1; PARP; poly [ADP-ribose] polymerase 1; poly(ADP-ribose) synthetase; poly[ADP-ribose] synthase 1; pADPRT-1; poly(ADP-ribosyl)transferase; ARTD1; ADPRT1; ADPRT 1; ADPRT; ADP-ribosyltransferase NAD(+); ADP-ribosyltransferase diphtheria toxin-like 1; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase); NAD(+) ADP-ribosyltransferase 1; poly (ADP-ribose) polymerase family; member 1; Poly [ADP-ribose] polymerase 1; poly(ADP-ribose) polymerase 1; anti-PARP1 antibody

PRODUCT SPECIFICATIONS

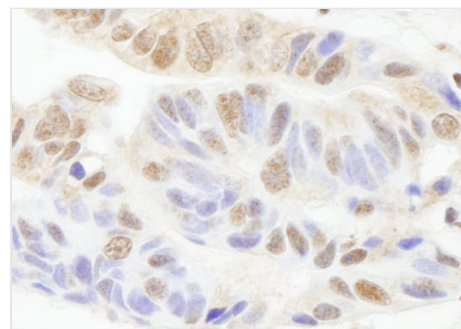
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-PARP1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Dog, Horse, Orangutan, Monkey, Gorilla, Chimpanzee, Ferret, Crab-eating macaque
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



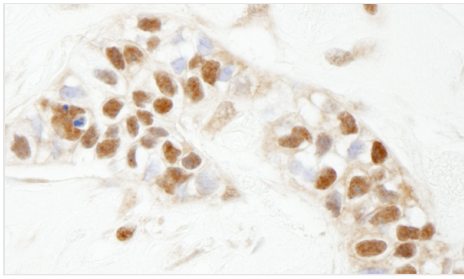
IHC (Immunohistochemistry)

Detection of human PARP1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PARP1 (Cat. No. AAA213919) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.



IHC (Immunohistochemistry)

Detection of human PARP1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PARP1 (Cat. No. AAA213919) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)
 Detection of human PARP1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PARP1 (Cat. No. AAA213919) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PARP1 antibody	PARP1 (Poly-ADP-ribose polymerase 1) is a member of PARP family of enzymes that transfer the ADP-D-ribosyl group of NAD(+) to an acceptor carboxyl group on proteins. PARP1 catalyzes the poly-ADP-ribosylation of histone and non-histone proteins in response to DNA damage. The over-activation of PARP-1 in response to DNA damage has been shown to promote cell and tissue injury. This observation has initiated research into the therapeutic potential of PARP1 inhibitors in the treatment of cancer, cardiovascular disease, and brain injury.
Product Categories/Family for anti-PARP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	142
UniProt Accession #	P09874
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.