

Rabbit anti-Human PARP10 Polyclonal Antibody | anti-PARP10 antibody

Rabbit anti-PARP10 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211080	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PARP10; Polyclonal Antibody; Rabbit anti-PARP10 Antibody; Affinity Purified; poly [ADP-ribose] polymerase 10; ADP-ribosyltransferase diphtheria toxin-like 10; ARTD10; PARP-10; Poly [ADP-ribose] polymerase 10; poly(ADP-ribose) polymerase family member 10; anti-PARP10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PARP10 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 300 and 350
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PARP10 by western blot. Samples: Whole cell lysate (50 ug) from Jurkat, LNCaP, GaMG, RKO, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PARP10 antibody AAA211080 (lot AAA211080-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human PARP10 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PARP10 antibody AAA211080 (lot AAA211080-3) used for IP at 6 ug per reaction. PARP10 was also immunoprecipitated by a previous lot of this antibody (lot AAA211080-2) and rabbit anti-PARP10 antibody BL2493. For blotting immunoprecipitated PARP10, AAA211080 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IHC (Immunohistochemistry)

Detection of human PARP10 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-PARP10 (Cat. No. AAA211080 Lot3) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PARP10 antibody	PARP10 is a member of the poly(ADP-ribose) polymerase (PARP) family involved in a variety of processes which includes DNA metabolism, the DNA damage response, transcription and the maintenance of genomic stability. Although each member of the PARP family exhibits poly(ADP-ribose) polymerase activity which catalyzes the attachment of ADP-ribose units from NAD+ to substrate proteins, the endogenous substrates of many of the family members, including PARP10, remain to be identified. Recent studies have shown that PARP10 is localized to the nucleoli and associates with RNA polymerase II. PARP10 is a substrate of and is activated by CDK2 and may serve an important function in cell proliferation.
Product Categories/Family for anti-PARP10 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	84875
UniProt Accession #	Q53GL7
UniProt Protein Name	Poly [ADP-ribose] polymerase 10
UniProt Gene Name	PARP10
UniProt Synonym Gene Names	PARP-10; ARTD10

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/parp10-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211080>