

Rabbit PARP2 Polyclonal Antibody | anti-PARP2 antibody

PARP2 Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197656	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunofluorescence

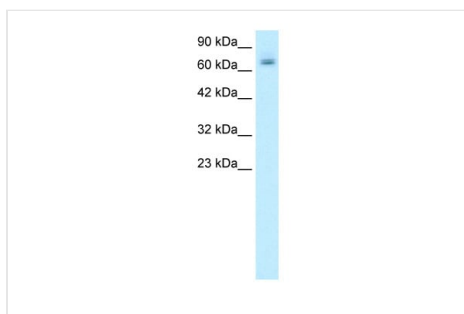
PRODUCT SYNONYMS

PARP2; Polyclonal Antibody; PARP2 Antibody - middle region; anti-PARP2 antibody

PRODUCT SPECIFICATIONS

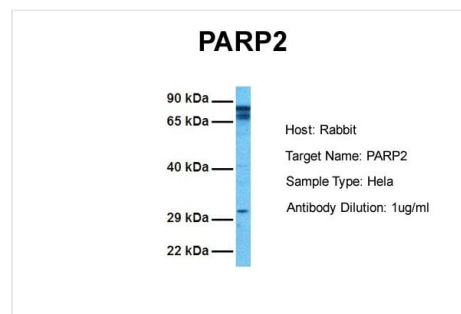
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LL DLFEVEKDGE KEAFREDLHN RMLLWHGSRM SNWVGILSHG LRIAHPEA
Sequence Length	534
Applicable Applications for anti-PARP2 antibody	WB (Western Blot), IF (Immunofluorescence)
Homology	Cow: 86%; Dog: 86%; Guinea Pig: 92%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 86%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PARP2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



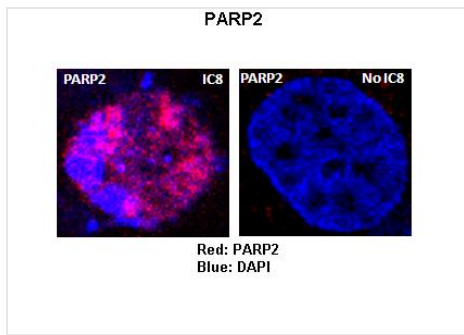
WB (Western Blot)

WB Suggested Anti-PARP2 Antibody Titration: 0.2-1 ug/ml
Positive Control: Raji cell lysate
PARP2 is strongly supported by BioGPS gene expression data to be expressed in Human Raji cells



WB (Western Blot)

Host: Rabbit
Target Name: PARP2
Sample Tissue: Human HeLa
Antibody Dilution: 1.0ug/ml



IF (Immunofluorescence)

Sample Type :Rat thyrocytes-FRTL-5 Primary Antibody Dilution :1:100 Secondary Antibody :Anti-rabbit-Texas Red Secondary Antibody Dilution :1:100 Color/Signal Descriptions :Red: PARP2Blue: DAPI Gene Name :PARP2Submitted by :Syed A Morshed, Mount Sinai School of Medicine and James J Peters VA Medical Center

ADDITIONAL INFORMATION

Related Product Information for anti-PARP2 antibody	This is a rabbit polyclonal antibody against PARP2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene encodes poly(ADP-ribose)transferase-like 2 protein, which contains a catalytic domain and is capable of catalyzing a poly(ADP-ribose)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribose) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribose) transferase. The basic residues within the N-terminal region of this protein may bear potential DNA-binding properties, and may be involved in the nuclear and/or nucleolar targeting of the protein. Two alternatively spliced transcript variants encoding distinct isoforms have been found.
Product Categories/Family for anti-PARP2 antibody	Polyclonal ; Drugs and Drug Metabolism ; Chromatin & Nuclear Signaling ; DNA/RNA/Protein Interactions ; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825961
NCBI GeneID	10038
NCBI Accession #	NP_005475
NCBI GenBank Nucleotide #	NM_005484
UniProt Accession #	Q9UGN5
Molecular Weight	61kDa
NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly(ADP-ribose) polymerase 2
NCBI Official Symbol	PARP2
NCBI Official Synonym Symbols	ARTD2; ADPRT2; PARP-2; ADPRTL2; ADPRTL3; pADPRT-2
NCBI Protein Information	poly [ADP-ribose] polymerase 2
UniProt Protein Name	Poly [ADP-ribose] polymerase 2
UniProt Gene Name	PARP2
UniProt Synonym Gene Names	ADPRT2; ADPRTL2; PARP-2; hPARP-2; ARTD2; ADPRT-2; pADPRT-2
UniProt Entry Name	PARP2_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/parp2-antibody-western-blot-immunofluorescence-elisa/197656>