

Rabbit anti-Human, Mouse PARP-2 Polyclonal Antibody | anti-PARP2 antibody

PARP-2 Polyclonal Antibody

CATALOG # AAA295559	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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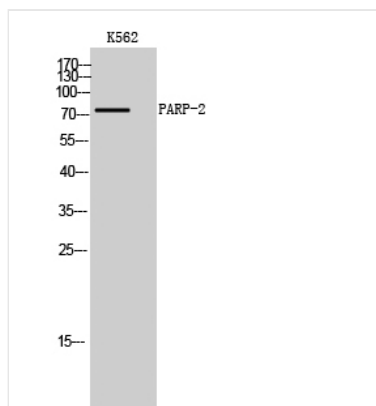
PRODUCT SYNONYMS

PARP-2; Polyclonal Antibody; PARP-2 Polyclonal Antibody; PARP2; ADPRT2; ADPRTL2; Poly [ADP-ribose] polymerase 2; hPARP-2; ADP-ribosyltransferase diphtheria toxin-like 2; ARTD2; NAD (+) ADP-ribosyltransferase 2; ADPRT-2; Poly[ADP-ribose] synthase 2; pADPRT-2; anti-PARP2 antibody

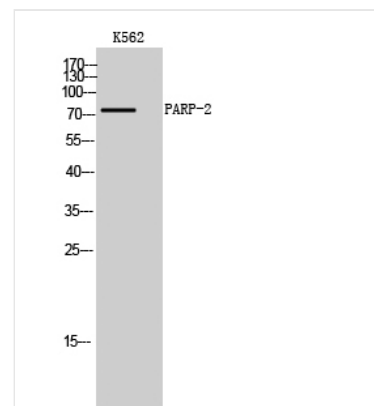
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-PARP2 antibody	WB (Western Blot)
Notes	ECO:0000303 PubMed:20092359, ECO:0000312 HGNC: HGNC:272
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-PARP2 antibody

Poly-ADP-ribosyltransferase that mediates poly-ADP- ribosylation of proteins and plays a key role in DNA repair (PubMed:28190768, PubMed:25043379). Mainly mediates glutamate and aspartate ADP-ribosylation of target proteins: the ADP-D-ribosyl group of NAD (+) is transferred to the acceptor carboxyl group of glutamate and aspartate residues and further ADP-ribosyl groups are transferred to the 2'-position of the terminal adenosine moiety, building up a polymer with an average chain length of 20-30 units (PubMed:25043379). ADP- ribosylation follows DNA damage and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks (PubMed:10364231). Also mediates serine ADP- ribosylation of target proteins following interaction with HPF1; HPF1 conferring serine specificity (PubMed:28190768). In addition to proteins, also able to ADP-ribosylate DNA: preferentially acts on 5'-terminal phosphates at DNA strand breaks termini in nicked duplex (PubMed:27471034).

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825963
NCBI GeneID	10038
NCBI Accession #	NP_001036083.1
NCBI GenBank Nucleotide #	NM_001042618.1
UniProt Accession #	Q9UGN5; Q8TEU4; Q9NUV2; Q9UMR4; Q9Y6C8
Molecular Weight	66,206 Da
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; poly [ADP-ribose] polymerase 2; ADPRT-2; hPARP-2; poly(ADP-ribose) synthetase; poly[ADP-ribose] synthase 2; poly[ADP-ribose] synthetase 2; NAD(+) ADP-ribosyltransferase 2; poly (ADP-ribosyl) transferase-like 2; poly (ADP-ri
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/parp-2-antibody-western-blot-elisa/295559>