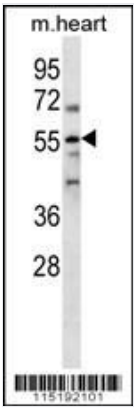
PARP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PARP2, Polyclonal Antibody
Full Product Name	PARP2, NT (Parp2, Adprt2, Adprtl2, Aspartl2, Poly [ADP-ribose] polymerase 2, ADP-ribosyltransferase diphtheria toxin-like 2, NAD(+) ADP-ribosyltransferase 2, Poly[ADP-ribose] synthase 2) (Biotin)
Product Gene Name	anti-PARP2 antibody
Product Synonym Names	Parp2; Adprt2; Adprtl2; Aspartl2; Poly [ADP-ribose] polymerase 2; ADP-ribosyltransferase diphtheria toxin-like 2; NAD(+) ADP-ribosyltransferase 2; Poly[ADP-ribose] synthase 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	63,397 Da
Chromosome Location	Chromosome: 14; NC_000080.6 (50807946..50821300). Location: 14 C1; 14 26.25 cM
3D Structure	ModBase 3D Structure for O88554
Immunogen	PARP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-41 amino acids from the N-terminal region of human PARP2.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-PARP2 antibody	Antibodies; Enzymes; Polymerase
Applications Tested/Suitable for anti-PARP2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PARP2 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-PARP2 antibody	PARP2 is involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks.
Product References and Citations for anti-PARP2 antibody	Brunyanszki, A., et al. J. Invest. Dermatol. 130(11):2629-2637(2010). Toller, I.M., et al. Cancer Res. 70(14):5912-5922(2010). Nicolas, L., et al. Oncogene 29(19):2877-2883(2010). Li, X., et al. J. Neurochem. 113(4):1012-1022(2010). Quenet, D., et al. Exp. Cell Res. 315(16):2824-2834(2009).

Other Notes	Small volumes of anti-PARP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PARP2 purchase	MBS6330991 is an antibody targeting PARP2. Also known as PARP2, NT (Parp2, Adprt2, Adprtl2, Aspartl2, Poly [ADP-ribose] polymerase 2, ADP-ribosyltransferase diphtheria toxin-like 2, NAD(+) ADP-ribosyltransferase 2, Poly[ADP-ribose] synthase 2) (Biotin). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-PARP2 antibody
PARP2 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the PARP2 antibody detected the PARP2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PARP2. It may not necessarily be applicable to this product.

NCBI GI #	6752992
NCBI GeneID	11546
NCBI Accession #	NP_033762.1
UniProt Primary Accession #	O88554
UniProt Secondary Accession #	Q99N29
UniProt Related Accession #	O88554
GenBank Nucleotide #	NM_009632.2
NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly (ADP-ribose) polymerase family, member 2
NCBI Official Symbol	Parp2
NCBI Official Synonym Symbols	ARTD2; Adprt2; C78626; PARP-2; Adprtl2; Aspartl2
UniProt Protein Name	Poly [ADP-ribose] polymerase 2
UniProt Synonym Protein Names	ADP-ribosyltransferase diphtheria toxin-like 2; ARTD2; NAD(+) ADP-ribosyltransferase 2; ADPRT-2; Poly[ADP-ribose] synthase 2
Protein Family	Poly [ADP-ribose] polymerase
UniProt Gene Name	Parp2
UniProt Synonym Gene Names	Adprt2; Adprtl2; Aspartl2; PARP-2; mPARP-2; ARTD2; ADPRT-2; pADPRT-2
UniProt Entry Name	PARP2_MOUSE
NCBI Protein Information	poly [ADP-ribose] polymerase 2; poly [ADP-ribose] polymerase 2; ADPRT-2; mPARP-2; pADPRT-2; poly[ADP-ribose] synthase 2; poly[ADP-ribose] synthetase 2; NAD(+) ADP-ribosyltransferase 2; ADP-ribosyltransferase diphtheria toxin-like 2; ADP-ribosyltransferase

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-mouse-antibody/parp2/6330991