

Datasheet: AHP2727

Description:	RABBIT ANTI POLY (ADP-RIBOSE) POLYMERASE-1
Specificity:	POLY (ADP-RIBOSE) POLYMERASE-1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to poly (ADP-ribose) polymerase-1 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative 0.02% Sodium Azide
Stabilisers 50% Glycerol

Immunogen A synthetic peptide of human poly (ADP-ribose) polymerase-1

External Database Links

UniProt:
[P09874](#) [Related reagents](#)

Entrez Gene:
[142](#) PARP1 [Related reagents](#)

Synonyms ADPRT, PPOL

Specificity **Rabbit anti poly (ADP-ribose) polymerase-1 antibody** recognizes Poly (ADP-Ribose) Polymerase-1, also known as PARP-1, ADP-ribosyltransferase diphtheria toxin-like 1 (ARTD1), NAD(+) ADP-ribosyltransferase 1 (ADPRT 1) and Poly[ADP-ribose] synthase 1. It belongs to the

Poly(ADP-ribose) polymerase (PARP) family. The PARP family is composed of 18 proteins, encoded by different genes and displaying a conserved catalytic domain ([Dantzer et al. 2004](#)). PARP1 is involved in DNA repair ([Rouleau et al. 2010](#)), chromatin remodeling, transcription, replication and recombination ([Morales et al. 2014](#)). Cleavage of PARP1 has been used extensively as a marker of apoptosis ([Oliver et al. 1998](#)).

Western Blotting	Rabbit anti poly (ADP-ribose) polymerase-1 antibody detects a band of approximately 113 kDa (full length) and 90 kDa (cleaved) in THP-1 cell lysate under reducing conditions
-------------------------	---

Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
----------------	--

Guarantee	12 months from date of despatch
------------------	---------------------------------

Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
--------------------------------------	--

Regulatory	For research purposes only
-------------------	----------------------------

Related Products

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

'M353476:190423'

Printed on 01 May 2020