

Datasheet: VPA00523

**BATCH NUMBER 160712**

<b>Description:</b>	RABBIT ANTI POLY (ADP-RIBOSE) POLYMERASE 3
<b>Specificity:</b>	POLY [ADP-RIBOSE] POLYMERASE 3
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid.
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ).

**Immunogen** KLH conjugated synthetic peptide corresponding to amino acid 99-126 of human poly [ADP-ribose] polymerase 3

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**External Database Links**

**UniProt:**

[Q9Y6F1](#)    [Related reagents](#)

**Entrez Gene:**

[10039](#)    PARP3    [Related reagents](#)

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**Synonyms** ADPRT3, ADPRTL3

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**Specificity** **Rabbit anti Human poly [ADP-ribose] polymerase 3 antibody** recognizes poly [ADP-ribose] polymerase 3 also known as PARP3, ADP-ribosyltransferase (NAD<sup>+</sup>; poly (ADP-ribose) polymerase)-like 3, ADP-ribosyltransferase diphtheria toxin-like 3, NAD(+) ADP-ribosyltransferase 3, IRT1 or poly[ADP-ribose] synthase 3.

The protein encoded by the PARP3 gene belongs to the PARP family. These enzymes modify nuclear proteins by poly-ADP-ribosylation, which is required for DNA repair, regulation of apoptosis, and maintenance of genomic stability. PARP3 gene encodes the poly(ADP-ribosyl)transferase 3, which is preferentially localized to the daughter centriole throughout the cell cycle. Alternatively spliced transcript variants encoding different isoforms have been identified (provided by RefSeq, Jul 2008).

Rabbit anti Human poly [ADP-ribose] polymerase 3 antibody detects a band of 71 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti poly [adp-ribose] polymerase 3 detects a band of approximately 71 kDa in HEK293 cell lysates.

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory** For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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