

Datasheet: VPA00523KT

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| Description: | POLY [ADP-RIBOSE] POLYMERASE 3 ANTIBODY WITH CONTROL LYSATE |
| Specificity: | POLY [ADP-RIBOSE] POLYMERASE 3 |
| Format: | Purified |
| Product Type: | PrecisionAb Polyclonal |
| Isotype: | Polyclonal IgG |
| Quantity: | 2 Westerns |

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 | ▪ | | | 1/1000 |

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

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| Target Species | Human |
| Species Cross Reactivity | <p>Reacts with: Mouse</p> <p>N.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> |
| Product Form | Purified IgG - liquid. |
| Preparation | 20µl Rabbit polyclonal antibody purified by affinity chromatography. |
| Buffer Solution | Phosphate buffered saline. |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃). |
| 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 |
| Synonyms | ADPRT3, ADPRTL3 |
| Specificity | <p>Rabbit anti Human poly [ADP-ribose] polymerase 3 antibody recognizes poly [ADP-ribose] polymerase 3 also known as PARP3, ADP-ribosyltransferase (NAD⁺; poly (ADP-ribose) polymerase)-like 3, ADP-ribosyltransferase diphtheria toxin-like 3, NAD(+) ADP-ribosyltransferase 3, IRT1 or poly[ADP-ribose] synthase 3.</p> <p>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).</p> <p>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.</p> |
| Western Blotting | Anti poly [adp-ribose] polymerase 3 detects a band of approximately 71 kDa in HEK293 cell lysates. |
| Instructions For Use | Please refer to the PrecisionAb western blotting protocol . |
| Lysate Composition | 400µg HEK293 lysate lyophilized in RIPA buffer. |
| Lysate Reconstitution | <ul style="list-style-type: none"> - If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p> |
| Storage | <p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p> |
| Guarantee | As supplied, 12 months from date of despatch. |
| Acknowledgements | PrecisionAb™ is a trademark of Bio-Rad Laboratories. |
| Health And Safety | Material Safety Datasheet documentation #10040 #10561 available at: |

Information Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>
Lysate Material (10561): <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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| 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 |
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