

## Datasheet: VPA00006

<b>Description:</b>	RABBIT ANTI WRN
<b>Specificity:</b>	WRN
<b>Other names:</b>	Werner Syndrome Helicase
<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>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	TRIS-citrate/Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	Synthetic peptide corresponding to an epitope within amino acid residues 1400-1432 of human WRN
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q14191</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">7486</a>   WRN   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	RECQ3, RECQL2

**Specificity** **Rabbit anti Human WRN antibody** recognizes human Werner syndrome ATP-dependent helicase, also known as exonuclease WRN or DNA helicase, RecQ-like type 3. WRN is a 1432 amino acid member of the RecQ helicase subfamily containing single [HRDC](#), [helicase C-terminal](#), [helicase ATP-binding](#) and [3'-5' exonuclease](#) domains and is implicated in DNA double-strand break repairs, through interaction with Ku70/80 ([Li et al. 2004](#)).

Defects in the [WRN gene](#) are responsible for the rare autosomal recessive premature ageing disease known as Werner syndrome, characterized by age-related disorders including atherosclerosis, osteoporosis, non-insulin-dependent diabetes mellitus, ocular cataracts and cancer ([Huang et al. 2006](#)).

Rabbit anti Human WRN antibody recognizes human WRN as a single ~200 kDa band in HeLa cell line lysates by western blotting under reducing conditions.

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<b>Western Blotting</b>	Anti WRN antibody detects a band of approximately 200 kDa in HeLa cell lysates.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10064 available at: Antibody (10064): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10064.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10064.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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Printed on 11 Aug 2020