

## 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

### External Database Links

#### UniProt:

[Q14191](#)

[Related reagents](#)

**Entrez Gene:**[7486](#) WRN [Related reagents](#)

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**Synonyms** RECQ3, RECQL2

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**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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**Western Blotting** Anti WRN antibody detects a band of approximately 200 kDa in HeLa 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 #10064 available at: Antibody (10064): <https://www.bio-rad-antibodies.com/uploads/MSDS/10064.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](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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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://www.bio-rad-antibodies.com/datasheets)  
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