

Datasheet: VPA00006

BATCH NUMBER 160914

Description:	RABBIT ANTI WRN
Specificity:	WRN
Other names:	Werner Syndrome Helicase
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS-citrate/Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Synthetic peptide corresponding to an epitope within amino acid residues 1400-1432 of human WRN
External Database Links	UniProt:

Entrez Gene:

[7486](#) WRN [Related reagents](#)

Synonyms 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.

Western Blotting Anti WRN antibody detects a band of approximately 200 kDa in HeLa cell lysates.

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

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10064 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00006>
Antibody (10064)

Regulatory For research purposes only

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

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