

Datasheet: VPA00006

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: Q14191 Related reagents

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

Synonyms	RECQ3, RECQL2
Specificity	<p>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).</p> <p>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).</p> <p>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.</p>
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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