

## Datasheet: VPA00840

<b>Description:</b>	RABBIT ANTI POLD1
<b>Specificity:</b>	POLD1
<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 on immunogen
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide <50% Glycerol
<b>Immunogen</b>	Recombinant protein of human POLD1
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P28340</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b>

---

<b>Synonyms</b>	POLD
-----------------	------

---

<b>Specificity</b>	<p><b>Rabbit anti Human POLD1 antibody</b> recognizes POLD1, also known as CDC2 homolog, DNA polymerase delta catalytic subunit, DNA polymerase subunit delta p125, MDPL and catalytic subunit 125 kDa.</p> <p>POLD1 encodes the 125 kDa catalytic subunit of DNA polymerase delta. DNA polymerase delta possesses both polymerase and 3' to 5' exonuclease activity and plays a critical role in DNA replication and repair. Alternatively spliced transcript variants have been observed for POLD1, and a pseudogene of POLD1 is located on the long arm of chromosome 6 (provided by RefSeq, Mar 2012).</p> <p>Rabbit anti Human POLD1 antibody detects a band of 130 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
--------------------	--

---

<b>Western Blotting</b>	Anti POLD1 antibody recognizes a band of approximately 130 kDa in K562 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 #10049 available at: 10049: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf</a>
--------------------------------------	---

---

<b>Regulatory</b>	For research purposes only
-------------------	----------------------------

---

## 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 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

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)

'M380321:210507'

Printed on 07 Feb 2023