

Datasheet: VPA00840

**BATCH NUMBER 167719**

<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>	0.02% Sodium Azide 50% Glycerol
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Recombinant protein of human POLD1

**External Database  
Links**

**UniProt:**

[P28340](#)   [Related reagents](#)

**Entrez Gene:**

[5424](#)   POLD1   [Related reagents](#)

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**Synonyms**

POLD

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**Specificity**

**Rabbit anti Human POLD1 antibody** recognizes POLD1, also known as CDC2 homolog, DNA polymerase delta catalytic subunit, DNA polymerase subunit delta p125, MDPL and catalytic subunit 125 kDa.

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).

Rabbit anti Human POLD1 antibody detects a band of 130 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti POLD1 antibody recognizes a band of approximately 130 kDa in K562 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 #10049 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00840>  
10049

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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](#)

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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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