

## Datasheet: VPA00921

<b>Description:</b>	RABBIT ANTI TOP1
<b>Specificity:</b>	TOP1
<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>Species Cross Reactivity</b>	Reacts with: Mouse <b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
<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>	Synthetic peptide of human TOP1

## External Database

### Links

#### UniProt:

[P11387](#)

[Related reagents](#)

#### Entrez Gene:

[7150](#)

TOP1

[Related reagents](#)

### Specificity

**Rabbit anti Human TOP1 antibody** recognizes TOP1, also known as DNA topoisomerase 1.

This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus altering the topology of DNA. This gene is localized to chromosome 20 and has pseudogenes which reside on chromosomes 1 and 22 (provided by RefSeq, Jul 2008).

Rabbit anti Human TOP1 antibody detects a band of 100 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

### Western Blotting

Anti TOP1 antibody recognizes a band of approximately 100 kDa in K562 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 #10049 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00921>  
10049

### 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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Printed on 13 Aug 2023