

Datasheet: VPA00229

**BATCH NUMBER 151204**

<b>Description:</b>	RABBIT ANTI THYMOPOETIN
<b>Specificity:</b>	THYMOPOETIN
<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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse

**N.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.

### Product Form

Purified IgG - liquid

### Preparation

Rabbit polyclonal antibody purified by affinity chromatography

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	KLH conjugated synthetic peptide between 243-269 amino acids from the central region of human thymopoetin
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P42167</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">7112</a>    TMPO    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	LAP2
<b>Specificity</b>	<p><b>Rabbit anti Human thymopoietin antibody</b> recognizes the beta isoform of thymopoietin, also known as lamina-associated polypeptide 2, isoform beta, TP beta and thymopoietin-related peptide isoform beta.</p> <p>Encoded by the TMPO gene, thymopoietins reside in the nucleus and may play a role in the assembly of the nuclear lamina, helping to maintain the structural organization of the nuclear envelope. Mutations in TMPO are associated with dilated cardiomyopathy and this gene has been found up regulated in several types of cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for TMPO (provided by RefSeq, May 2010).</p> <p>Rabbit anti Human thymopoietin antibody detects a band of 51 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti thymopoetin detects a band of approximately 51 kDa in HEK293 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 #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00229">https://www.bio-rad-antibodies.com/SDS/VPA00229</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South America** Tel: +1 800 265 7376 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://bio-rad-antibodies.com/datasheets)

'M374076:201018'

**Printed on 18 Jan 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)