

Datasheet: VPA00229

Description:	RABBIT ANTI THYMOPOETIN
Specificity:	THYMOPOETIN
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
Species Cross Reactivity	<p>Reacts with: Mouse</p> <p>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.</p>
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 ₃)
Approx. Protein	IgG concentration 0.5 mg/ml

Concentrations

Immunogen KLH conjugated synthetic peptide between 243-269 amino acids from the central region of human thymopoetin

External Database

Links

UniProt:

[P42167](#)

[Related reagents](#)

Entrez Gene:

[7112](#)

TMPO

[Related reagents](#)

Synonyms

LAP2

Specificity

Rabbit anti Human thymopoietin antibody recognizes the beta isoform of thymopoietin, also known as lamina-associated polypeptide 2, isoform beta, TP beta and thymopoietin-related peptide isoform beta.

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).

Rabbit anti Human thymopoietin antibody detects a band of 51 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti thymopoetin detects a band of approximately 51 kDa in HEK293 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 #10040 available at:
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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