

Datasheet: VPA00559

**BATCH NUMBER 160712**

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | RABBIT ANTI CALCITONIN |
| <b>Specificity:</b>  | CALCITONIN             |
| <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.

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|---------------------------------|--|
| <b>Target Species</b>           | Human  |
| <b>Product Form</b>             | Purified IgG - liquid.   |
| <b>Preparation</b>              | Rabbit polyclonal antibody purified by affinity chromatography.                          |
| <b>Buffer Solution</b>          | Phosphate buffered saline.   |
| <b>Preservative Stabilisers</b> | 0.09% Sodium Azide (NaN <sub>3</sub> ).  |
| <b>Immunogen</b>                | KLH conjugated synthetic peptide corresponding to amino acid 104-132 of human calcitonin |

### External Database Links

**UniProt:**

[P01258](#)

[Related reagents](#)

**Entrez Gene:**[796](#) CALCA [Related reagents](#)

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| <b>Synonyms</b> | CALC1 |
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| <b>Specificity</b> | <b>Rabbit anti Human calcitonin antibody</b> recognizes calcitonin, also known as CALCA or alpha-type CGRP.<br><br>CALCA gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katecalcine by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator while katecalcine is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for CALCA (provided by RefSeq, Nov 2009).<br><br>Rabbit anti Human calcitonin antibody detects a band of 17 kDa. The antibody has been extensively validated for western blotting using whole cell lysates. |
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| <b>Western Blotting</b> | Anti calcitonin detects a band of approximately 17 kDa in HEK293 cell lysates. |
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| <b>Storage</b> | Store undiluted at -20°C, avoiding repeated freeze thaw cycles. |
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| <b>Guarantee</b> | 12 months from date of despatch |
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| <b>Acknowledgements</b> | PrecisionAb is a trademark of Bio-Rad Laboratories |
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| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00559">https://www.bio-rad-antibodies.com/SDS/VPA00559</a><br>Antibody (10040) |
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|-------------------|-----------------------------|
| <b>Regulatory</b> | For research purposes only. |
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## 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 3751Email: [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)

'M370867:200529'

Printed on 13 Aug 2023