

Datasheet: VPA00199

BATCH NUMBER 030615

Description:	GOAT ANTI TROPONIN T (CARDIAC)
Specificity:	TROPONIN T
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
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by ion exchange chromatography.
Buffer Solution	Tris buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Immunogen	Peptide with sequence C-RNRINDNQKVSKT, from the C-terminus of the protein
External Database Links	UniProt: P45379 Related reagents

Entrez Gene:

[7139](#) TNNT2 [Related reagents](#)

Specificity

Goat anti Human troponin T antibody recognizes troponin T also known as cardiomyopathy, dilated 1D (autosomal dominant), cardiomyopathy, hypertrophic 2 and troponin T cardiac muscle, .

The protein encoded by the TNNT2 gene is the tropomyosin-binding subunit of the troponin complex, which is located on the thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in TNNT2 have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for TNNT2 undergo alternative splicing that results in many tissue-specific isoforms, however, the full-length nature of some of these variants has not yet been determined (provided by RefSeq, Jul 2008).

Goat anti Human troponin T antibody detects a band of 36 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti troponin T detects a band of approximately 36 kDa in human heart 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 #10058 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00199>
Antibody (10058)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Email: 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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: 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)

'M370565:200529'

Printed on 25 Mar 2023