

## Datasheet: VPA00115

<b>Description:</b>	GOAT ANTI CATENIN GAMMA
<b>Specificity:</b>	CATENIN GAMMA
<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>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Goat polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline.
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> ) 0.5 % BSA
<b>Immunogen</b>	Peptide with the sequence C-GLRPPYPTADHMLA, from the C Terminus of the protein sequence.

#### External Database Links

##### UniProt:

[P14923](#)

[Related reagents](#)

##### Entrez Gene:

---

<b>Synonyms</b>	CTNNG, DP3
-----------------	------------

---

<b>Specificity</b>	<p><b>Mouse anti Human catenin gamma antibody</b> recognizes catenin gamma, also known as the junction plakoglobin, desmoplakin III or desmoplakin-3.</p> <p>Catenin gamma, encoded by the JUP gene, is a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in JUP has been associated with Naxos disease. Alternative splicing occurs in JUP; however, not all transcripts have been fully described (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human catenin gamma antibody detects a band of 82 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
--------------------	--

---

<b>Western Blotting</b>	Anti catenin gamma detects a band of approximately 82 kDa in A431 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 #10058 available at: Antibody (10058): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf</a>
--------------------------------------	--

---

<b>Regulatory</b>	For research purposes only.
-------------------	-----------------------------

---

## Related Products

### Recommended Secondary Antibodies

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

**North & South** Tel: +1 800 265 7376

**America** 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://www.bio-rad-antibodies.com/datasheets)

'M400427:220711'

Printed on 11 Jul 2022