

Datasheet: VPA00164

**BATCH NUMBER 120315**

<b>Description:</b>	RABBIT ANTI CATENIN BETA
<b>Specificity:</b>	CATENIN BETA
<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, Rat

**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 1.15 mg/ml
<b>Immunogen</b>	Synthetic peptide corresponding to the C terminus of catenin beta
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P35222</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1499</a> CTNNB1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CTNNB
<b>Specificity</b>	<p><b>Rabbit anti Human catenin beta antibody</b> recognizes the catenin beta, also known as beta-catenin.</p> <p>Catenin beta is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. Catenin beta also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Catenin beta binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in catenin beta are a cause of colorectal cancer, pilomatixoma (PTR), medulloblastoma (MDB) and ovarian cancer. Three transcript variants encoding the same protein have been found for catenin beta (provided by RefSeq, Oct 2009).</p> <p>Rabbit anti Human catenin beta antibody detects a band of 90 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti catenin beta detects a band of approximately 90 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/VPA00164">https://www.bio-rad-antibodies.com/SDS/VPA00164</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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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)

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