

Datasheet: VPA00164

Description:	RABBIT ANTI CATENIN BETA
Specificity:	CATENIN BETA
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	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
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)
Immunogen	Synthetic peptide corresponding to the C terminus of catenin beta
External Database Links	<p>UniProt: P35222 Related reagents</p> <p>Entrez Gene: 1499 CTNNB1 Related reagents</p>
Synonyms	CTNNB

Specificity	Rabbit anti Human catenin beta antibody recognizes the catenin beta, also known as beta-catenin. 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). 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.
Western Blotting	Anti catenin beta detects a band of approximately 90 kDa in HEK293 cell lysates.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	As supplied, 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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Printed on 11 Oct 2019