

Datasheet: AHP2418

BATCH NUMBER 151362

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| Description: | RABBIT ANTI CATENIN BETA |
| Specificity: | CATENIN BETA |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.1 mg |

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 | ▪ | | | 1/400 - 1/1000 |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

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

Purified IgG prepared by affinity chromatography

Antiserum Preparation

Antiserum to catenin beta was raised by repeated immunisation of rabbits with highly purified antigen

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.1% Sodium Azide (NaN₃)

0.2% Gelatin

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| Approx. Protein Concentrations | IgG concentration 0.2 mg/ml |
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| Immunogen | Peptide mapping to the carboxy terminal of human catenin beta |
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|--------------------------------|---|
| External Database Links | UniProt: P35222 Related reagents |
| | Entrez Gene: 1499 CTNNB1 Related reagents |

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|-----------------|-------|
| Synonyms | CTNNB |
|-----------------|-------|

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| Specificity | <p>Rabbit anti catenin beta antibody recognizes 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.</p> <p>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> |
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| Western Blotting | Rabbit anti catenin beta recognizes a band of approximately 100 kDa when run under reducing conditions |
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| Storage | Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use. |
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| Guarantee | 12 months from date of despatch |
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| Health And Safety Information | Material Safety Datasheet documentation #20341 available at: https://www.bio-rad-antibodies.com/SDS/AHP2418 20341 |
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|-------------------|----------------------------|
| Regulatory | For research purposes only |
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Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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