

β-Catenin Rabbit Polyclonal Antibody

Catalog #: EAB22160

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|----------------------------------|----------|---------------------------------|
| Rabbit IgG | Polyclonal | WB, IP, IHC-P, IF/ICC, FC, ELISA | 85 | Human, Mouse, Rat, Pig, Chicken |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| WB (Western Blotting) | 1:2000-10000 |
| IP (Immunoprecipitation) | 1:100-500 |
| IHC-P (Immunohistochemistry-Paraffin) | 1:200-1000 |
| IF/ICC (Immunofluorescence/Immunocytochemistry) | 1:100-500 |
| FC (Flow Cytometry) | 1:100-500 |
| ELISA (Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

Product Information

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|-----------------------|--|
| Conjugate | Unconjugate |
| Specificity | β-Catenin Rabbit Polyclonal Antibody detects endogenous levels of β-Catenin protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P35222 |
| Entrez-Gene Id | 1499 |

Product Description

The protein encoded by this gene 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. The encoded protein 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. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.

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