



Rabbit polyclonal antibody to human Catenin beta (770-781): Affinity purified

Catalogue No.:	R-1115-100
Description:	Catenin beta is an adherens junction protein and has a role in the regulation of cell adhesion and in signal transduction through the Wnt pathway. At least 2 isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (DSNQLAWFDSDL) corresponding to a region (770-781) from the C-terminus of human Catenin beta. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Catenin beta-1; Beta-catenin; CTNNB1; CTNNB;
Accession:	P35222 CTNB1_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human Catenin beta (isoform 1) has a predicted length of 781 residues and MW of 86 kDa. A concentration of 1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues as well as frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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