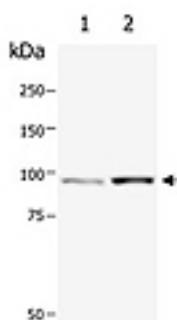


## Sheep polyclonal antibody to dephosphorylated Catenin beta (28-46): Affinity purified

<b>Catalogue No.:</b>	S-1233-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (C-QSYLDSGIHSGATTTAPSL) corresponding to the amino acid region 28-46 of human Catenin beta coupled to carrier protein KLH. This antibody was designed to detect the active form of Catenin beta . The antibody exhibits a strong preference for dephosphorylated beta catenin protein by western blot but the antibody may show cross reactivity with phosphorylated catenin beta under certain conditions.
<b>Other Names:</b>	Catenin beta-1; Beta-catenin; CTNNB1; CTNNB; $\beta$ -Catenin;
<b>Accession:</b>	P35222 CTNB1_HUMAN;
<b>Produced in:</b>	Sheep
<b>Purity:</b>	Affinity purified
<b>Applications:</b>	Western Blotting (WB) and Immunocytochemistry. A concentration of 2.0 ug/mL is recommended for WB. Human Catenin beta (isoform 1) has a predicted length of 781 residues and MW of 86 kDa. It has been observed as a 92 kDa band in SDS-reducing gels. A concentration of 4.0 ug/mL is recommended for Immunocytochemistry. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat;
<b>Form:</b>	Lyophilised from 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, and 0.05 % sodium azide.
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase



Western blot analysis of Catenin beta (S-1233-100) in extracts from HepG2 cells: untreated (Lane 1) and treated with GSK3 inhibitor (Lane 2).

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