

## Rabbit polyclonal antibody to Catenin gamma (8-22): Affinity purified

<b>Catalogue No.:</b>	R-1027-100
<b>Description:</b>	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Catenin gamma, also known as Junction Plakoglobin, is a common junctional plaque protein. It is a cytoplasmic protein with soluble and membrane-associated forms. The presence of Catenin gamma in both the desmosomes and in the intermediate junctions suggests it has a role in the structure and function of submembranous plaques.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (EQPIKVTEWQQTYTY) corresponding to a region (8-22) from the N-terminus of human Catenin gamma.
<b>Other Names:</b>	Junction plakoglobin; Desmoplakin; JUP; CTNNG; DP3;
<b>Accession:</b>	P14923 PLAK_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human Catenin gamma has a predicted length of 745 residues and MW of 82 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect Catenin gamma in formalin fixed and paraffin embedded tissues. Antigen retrieval is required. 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 and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. 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

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