



Product Information Sheet

Polyclonal Anti-Catenin γ (Magnetic Bead Conjugate)

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| Catalogue No. PA1117-M | Immunogen A synthetic peptide corresponding to a sequence at the N-terminal of human Catenin γ , identical to the related mouse and rat sequence |
| Lot No. 08G01 | Purification Immunogen affinity purified |
| Ig type: rabbit IgG1 | |
| Size: 100 μ g/Vial | Contents Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN ₃ . |
| Specificity Human, rat, mouse. No cross reactivity with other proteins. | Storage Store at 4°C for frequent use. |
| Recommended application <i>Immunoprecipitation(IP)</i> | Description: This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation |

BACKGROUND

Catenin γ , also known as junction plakoglobin (JUN) or plakoglobin (PKGB). Plakoglobin is a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. Catenin β and catenin γ (plakoglobin), vertebrate homologs of *Drosophila armadillo*, function in cell adhesion and the Wnt signaling pathway. Catenin γ may have distinct roles in Wnt signaling and cancer via differential effects on downstream target genes.

REFERENCE

1. Kolligs, F. T.; Kolligs, B.; Hajra, K. M.; Hu, G.; Tani, M.; Cho, K. R.; Fearon, E. R. : Gamma-catenin is regulated by the APC tumor suppressor and its oncogenic activity is distinct from that of beta-catenin. *Genes Dev.* 14: 1319-1331, 2000.

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