



Polyclonal Anti-Catenin γ (Sephacrose Bead Conjugate)

Catalogue No. PA1117-S

Lot No. 08G01

Ig type: rabbit IgG

Size: 100 μ g/vial

Specificity

Human, mouse, rat,. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminal of human Catenin γ , identical to the related mouse and rat sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃a₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

Cateniny, 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 cateniny (plakoglobin), vertebrate homologs of *Drosophila* armadillo, function in cell adhesion and the Wnt signaling pathway. Cateniny 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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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com