



Product Information Sheet

Polyclonal Anti-Catenin γ

Catalogue No. PA1117

Lot No. 08G01

Ig type: rabbit IgG

Size: 100 μ g/vial

Specificity

Human, mouse, rat.

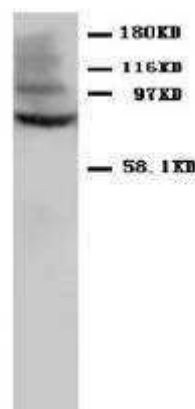
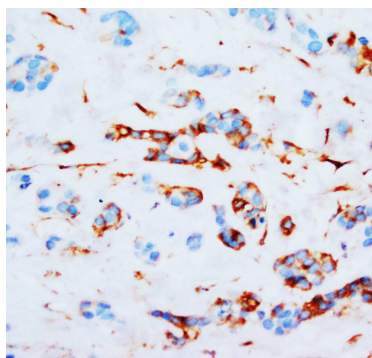
No cross reactivity with other proteins.

Recommended application

Western blot

Immunohistochemistry(P)

Immunocytochemistry



Immunogen

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

Purity

Immunogen affinity purified.

Application

Western blot

At 1 μ g/ml with the appropriate system to detect Catenin γ in cells and tissues.

Immunohistochemistry(P)

At 1-2 μ g/ml to detect Catenin γ in formalin fixed and paraffin embedded tissues. Boiling the sections is required.

Immunocytochemistry

Suitable

Other applications have not been tested.

Optimal dilutions should be determined by end user.

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Reconstitution

0.2ml of distilled water will yield a concentration of 500 μ g/ml.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time. supported by SA1022 in IH and IC.

To reorder contact us at:

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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.