

# JUP gamma Catenin Polyclonal Antibody Cy5.5 Conjugated

Catalog No: #C03654Cy5.5

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## Description

Product Name	JUP gamma Catenin Polyclonal Antibody Cy5.5 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF(IHC-P)
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 630-680 745 derived from human Catenin gamma
Conjugates	Cy5.5
Target Name	JUP gamma Catenin
Other Names	DP3; PDGB; PKGB; CTNNG; DP11; ARVD12; Junction plakoglobin; Catenin gamma; Desmoplakin III; Desmoplakin-3; JUP
Accession No.	Swiss-Prot#:P14923NCBI Gene ID:3728
Cell Localization	Cell membrane
Concentration	1mg/ml
Formulation	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

## Application Details

IF:1:50-200

## Background

Common junctional plaque protein. The membrane-associated plaques are architectural elements in an important strategic position to influence the arrangement and function of both the cytoskeleton and the cells within the tissue. The presence of plakoglobin in both the desmosomes and in the intermediate junctions suggests that it plays a central role in the structure and function of submembranous plaques. Acts as a substrate for VE-PTP and is required by it to stimulate VE-cadherin function in endothelial cells. Can replace beta-catenin in E-cadherin catenin adhesion complexes which are proposed to couple cadherins to the actin cytoskeleton (By similarity).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.