www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-γ-Catenin (C-terminal region) Antibody

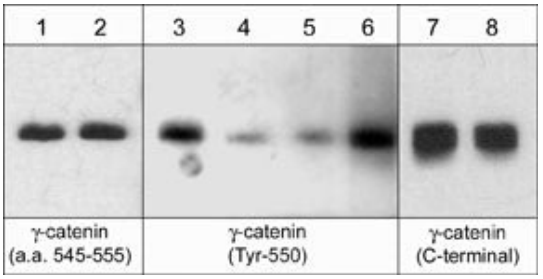
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:CP2971)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	JUP
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	γ-Catenin synthetic peptide (coupled to KLH) corresponding to amino acid residues from the C-terminal region of human γ-Catenin. This peptide sequence is highly conserved in rat and mouse γ-Catenin.
Specificity	The antibody detects an 84kDa* protein corresponding to the molecular mass of γ-Catenin on SDS-PAGE immunoblots of A431 cells.
Molecular Weight	84
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P14923 UniProt Summary: 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. May promote axon outgrowth and motor fiber repair via DSP-mediated recruitment to outgrowth tips.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	3728

Product Images



Western blot analysis of anti-γ-Catenin (C-terminal) immunoprecipitates from pervanadate-treated A431. The immunoprecipitates were untreated (lanes 1,3,7) or treated with alkaline phosphatase (lanes 2,4,8). The blots were probed with γ-Catenin (a.a. 545-555), γ-Catenin (Tyr-550) or γ-Catenin (C-terminal) antibodies. The anti-γ-Catenin (Tyr-550) was used in the presence of γ-Catenin (Tyr-550) (lane 5) or γ-Catenin (Tyr-644) (lane 6) peptides.

Created on 20. November 2026 | All information without guarantee