

Rabbit Catenin-gamma Polyclonal Antibody | anti-JUP antibody

Catenin-gamma Antibody

CATALOG # AAA287137	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS Immunohistochemistry, Western Blot
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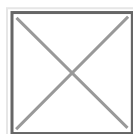
PRODUCT SYNONYMS

Catenin-gamma; Polyclonal Antibody; Catenin-gamma Antibody; Catenin-g Antibody; Junction plakoglobin; Catenin gamma; Desmoplakin III; Desmoplakin-3; JUP; CTNNG; DP3; anti-JUP antibody

PRODUCT SPECIFICATIONS

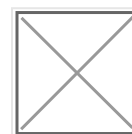
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	717-745
Sequence Length	745
Applicable Applications for anti-JUP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Cell junction, adherens junction. Cell junction, desmosome. Cytoplasm, cytoskeleton. Membrane; Peripheral membrane protein Note=Cytoplasmic in a soluble and membrane-associated form
Function	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).
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Catenin-gamma antibody.



WB (Western Blot)

Western blot analysis of lysate from MCF-7 cell line, using Catenin-gamma Antibody(C0138). C0138 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Product Categories/Family for anti-JUP antibody	Signal Transduction
References	Franke W.W.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:4027-4031(1989). Zimbelmann R.,et al.Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases. Whittock N.V.,et al.Exp. Dermatol. 9:323-326(2000). Liang X.-J.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases. Zody M.C.,et al.Nature 440:1045-1049(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504811
NCBI GeneID	3728
NCBI Accession #	NP_002221.1
NCBI GenBank Nucleotide #	NM_002230.2
UniProt Accession #	P14923; Q15093; Q15151; Q7L3S5; Q86W21; Q9BWC4; Q9HCX9
Molecular Weight	82 KDa
NCBI Official Full Name	junction plakoglobin
NCBI Official Synonym Full Names	junction plakoglobin
NCBI Official Symbol	JUP
NCBI Official Synonym Symbols	DP3; PDGB; PKGB; CTNNG; DPIII; ARVD12
NCBI Protein Information	junction plakoglobin
UniProt Protein Name	Junction plakoglobin
UniProt Gene Name	JUP
UniProt Synonym Gene Names	CTNNG; DP3
UniProt Entry Name	PLAK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/catenin-gamma-antibody-immunohistochemistry-western-blot-elisa/287137>