Rabbit Gamma-catenin Polyclonal Antibody | anti-JUP antibody

Rabbit anti-Gamma-catenin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222494	**Rabbit**	**Human, Mouse, Rat, Rabbit**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-JUP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Gamma-catenin. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

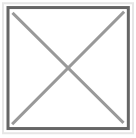
IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of Gamma-catenin staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of Gamma-catenin staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of Gamma-catenin expression in HeLa (A), A431 (B), MDBK (C), NIH3T3 (D), rat brain (E) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-JUP antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504811
NCBI GeneID	3728
NCBI Accession #	NP_002221.1
NCBI GenBank Nucleotide #	NM_002230.2
UniProt Accession #	P14923; Q02257; Q6P0K8
Molecular Weight	81,745 Da
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; desmoplakin-3; desmoplakin III; catenin (cadherin-associated protein), gamma 80kDa
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/gamma-catenin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222494