

Rabbit anti-Human Plakoglobin Polyclonal Antibody | anti-JUP antibody

Rabbit anti-Plakoglobin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212271	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Plakoglobin; Polyclonal Antibody; Rabbit anti-Plakoglobin Antibody; Affinity Purified; DP111; catenin (cadherin-associated protein); gamma 80kDa; PDGB; PKGB; junction plakoglobin; DP3; desmoplakin-3; desmoplakin III; Catenin gamma; CTNNG; Junction plakoglobin; anti-JUP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-JUP antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 695 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



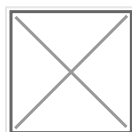
WB (Western Blot)

Detection of human Plakoglobin by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Plakoglobin antibody AAA212271 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. Plakoglobin was also immunoprecipitated by rabbit anti-Plakoglobin antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human Plakoglobin by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Plakoglobin (Cat. No. AAA212271 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human Plakoglobin by immunohistochemistry. Sample: FFPE section of human prostate hyperplasia. Antibody: Affinity purified rabbit anti-Plakoglobin (Cat. No. AAA212271 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-JUP antibody	Plakoglobin (gamma-catenin) is a member of the catenin family of proteins. It bears an armadillo repeat motif and plays a role in cell signaling; but unlike beta-catenenin, which plays a major role in the Wnt signaling pathway, plakoglobin is thought to act as a tumor/metastasis suppressor. Plakoglobin also functions as a junctional plaque protein and forms complexes with cadherins and desmosomal cadherins.
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; Q15093; Q15151; Q7L3S5; Q86W21; Q9BWC4; Q9HCX9
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/plakoglobin-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212271>