

Goat anti-Plakoglobin / Gamma-catenin, Biotinylated Antibody

Item Number dAP-3315

Target Molecule Principle Name: Plakoglobin / Gamma-catenin, Biotinylated; Official Symbol: JUP; All Names and Symbols: JUP; junction plakoglobin; ARVD12; CTNNG; DP3; DP1II; PDGB; PKGB; catenin (cadherin-associated protein), gamma 80kDa; desmoplakin III; desmoplakin-3; Accession Number (s): NP_002221.1, NP_068831.1; Human Gene ID(s): 3728; Non-Human GeneID(s): 16480 (mouse)

Immunogen GLRPPYPTADHMLA., is from C Terminus
This antibody is expected to recognise both reported isoforms, as represented by NP_002221.1 and NP_068831.1.

Applications Pep ELISA, WB

Species Tested: Human, Mouse, Rat

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 32000.

Western Blot Western Blot: Approx 80kDa band observed in lysates of cell line A431 (calculated MW of 81.7kDa according to Human NP_002221.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

IHC

Reference Reference(s): Knudsen KA, Wheelock MJ. Plakoglobin, or an 83-kD homologue distinct from beta-catenin, interacts with E-cadherin and N-cadherin. *The Journal of cell biology* 1992 Aug 118 (3): 671-9..PMID: 1639850->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**