

JUP Antibody

JUP; junction plakoglobin; DP3; PDGB; PKGB; DPIII; GAMMA-CATENIN; gamma-catenin

CATALOG NO.: 45-076

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

JUP Antibody. This antibody is expected to recognise both reported isoforms, as represented by NP_002221.1 and NP_068831.1.

SOURCE:

JUP antibody was raised against a synthetic peptide near the C-terminus of JUP.

PROTEIN ACCESSION NUMBER(S) :

NP_002221, NP_068831

SPECIES REACTIVITY:

Human, Mouse

TESTED APPLICATION:

ELISA, Western Blot

APPLICATION:

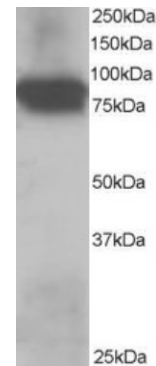
Peptide ELISA: antibody detection limit dilution 1:32,000.
Western Blot: Approx 85kDa band observed in A431 lysate (predicted MW of 86kDa according to NP_002221, NP_068831). Recommended for use at 0.2-1µg/ml.

PURIFICATION:

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

BUFFER:

Antibody is supplied as 0.1mg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of JUP in A431 lysate (RIPA buffer, 35µg total protein per lane) using JUP antibody (0.2µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Knudsen KA, Wheelock MJ. Plakoglobin, or an 83-kD homologue distinct from beta-catenin, interacts with E-cadherin and N-cadherin. *J Cell Biol.* 1992 Aug;118(3):671-9.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.