

Datasheet for ABIN184775
anti-JUP antibody (C-Term)

5 Images

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Overview

Quantity:	100 µg
Target:	JUP
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This JUP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Plakoglobin / Gamma-catenin
Immunogen:	Peptide with sequence C-GLRPPYPTADHMLA, from the C Terminus of the protein sequence according to NP_002221.1, NP_068831.1.
Sequence:	GLRPPYPTAD HMLA
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms, as represented by NP_002221.1 and NP_068831.1.
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: JUP

Alternative Name: JUP ([JUP Products](#))

Background: JUP, GAMMA-CATENIN, gamma-catenin, junction plakoglobin, DP3, PDGB, PKGB, DP11, ARVD12, CTNNG, OTTHUMP00000164735, catenin (cadherin-associated protein), gamma (80kD), catenin (cadherin-associated protein), gamma 80 kDa

Gene ID: 3728, 16480

NCBI Accession: [NP_002221](#), [NP_068831](#)

Pathways: [Cell-Cell Junction Organization](#), [Maintenance of Protein Location](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 5 µg/mL.
Western Blot: Approx 80 kDa band observed in lysates of cell lines A431 and NIH3T3 and in Rat Eye lysates (calculated MW of 81.7 kDa according to Human NP_002221.1 and Mouse NP_034723.1). Recommended concentration: 0.1-0.3 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:32000.

Comment: **Additional validation:** This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

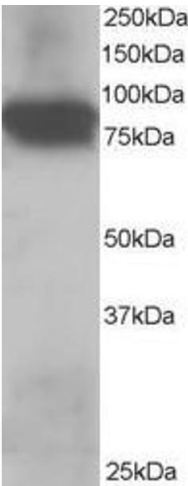
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

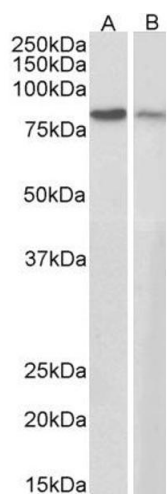


Western Blotting

Image 1. ABIN184775 staining (0.2µg/ml) of A431 lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Image 2. ABIN184775 staining (0.03 µg/mL) of A431 lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 3. ABIN184775 (0.3µg/ml) staining of A431 (A) and NIH3T3 (B) cell lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN184775.