

Datasheet for ABIN7157158
anti-JUP antibody (AA 1-131)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	JUP
Binding Specificity:	AA 1-131
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JUP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Junction plakoglobin protein (1-131AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	JUP
Alternative Name:	JUP (JUP Products)
Background:	Background: Common junctional plaque protein. The membrane-associated plaques are architectural elements in an important strategic position to influence the arrangement and

Target Details

function of both the cytoskeleton and the cells within the tissue. The presence of plakoglobin in both the desmosomes and in the intermediate junctions suggests that it plays a central role in the structure and function of submembranous plaques. Acts as a substrate for VE-PTP and is required by it to stimulate VE-cadherin function in endothelial cells. Can replace beta-catenin in E-cadherin/catenin adhesion complexes which are proposed to couple cadherins to the actin cytoskeleton (By similarity).

Aliases: ARVD 12 antibody, ARVD12 antibody, Catenin (cadherin associated protein), gamma 80 kDa antibody, catenin (cadherin-associated protein) gamma (80kD) antibody, Catenin gamma antibody, CTNNG antibody, Desmoplakin 3 antibody, Desmoplakin III antibody, Desmoplakin-3 antibody, Desmoplakin3 antibody, DesmoplakinIII antibody, DP 3 antibody, DP III antibody, DP3 antibody, DPIII antibody, gamma catenin antibody, Junction plakoglobin antibody, JUP antibody, OTTHUMP00000164732 antibody, OTTHUMP00000164735 antibody, OTTHUMP00000164738 antibody, PDGB antibody, PKGB antibody, PLAK_HUMAN antibody, PLAKOGLOBIN antibody

UniProt: [P14923](#)

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

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

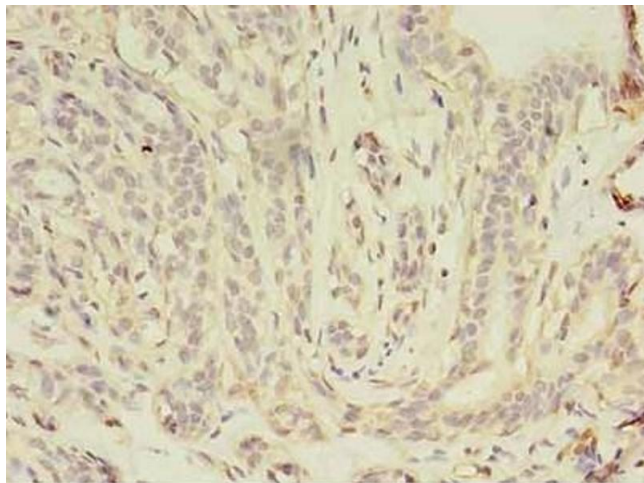
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

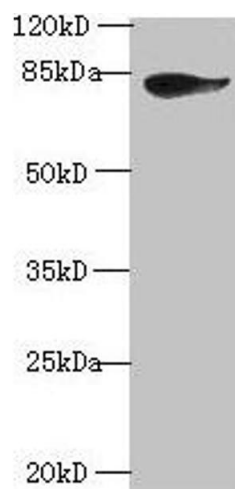
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7157158 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: JUP antibody at 2 µg/mL + A431 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 82 kDa Observed band size: 82 kDa