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

JUP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229861	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

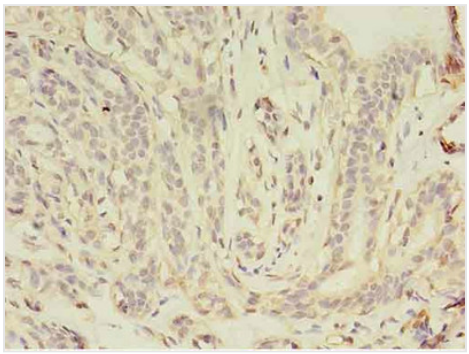
PRODUCT SYNONYMS

JUP; Polyclonal Antibody; JUP Antibody; Junction plakoglobin; Catenin gamma; Desmoplakin III; Desmoplakin-3; CTNNG; DP3; anti-JUP antibody

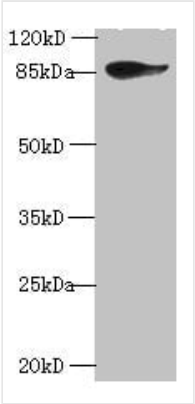
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	745
Applicable Applications for anti-JUP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Junction plakoglobin protrin
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30997 / sc-30996 / sc-30998 / sc-7900 / sc-1497-R
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA229861 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: JUP antibody at 2ug/ml+A431 cellsSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 82kDaObserved band size: 82kDa

ADDITIONAL INFORMATION

Related Product Information for anti-JUP antibody	Common junctional plaque protein. The membrane-associated plaques are architectural elements in an important strategic position to influence the arrangement and 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).

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
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/jup-antibody-immunohistochemistry-western-blot-elisa/229861