

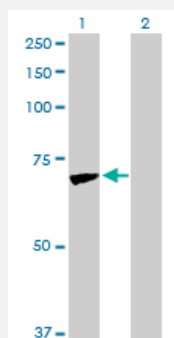
MaxPab®

# JUP purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003728-D01P

Size 100 ug

## Applications

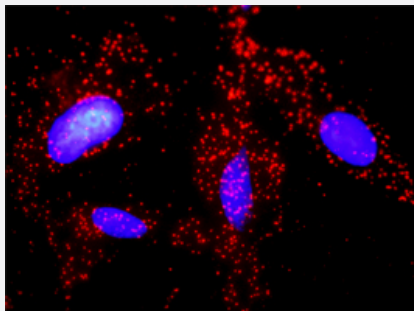


### Western Blot (Transfected lysate)

Western Blot analysis of JUP expression in transfected 293T cell line ([H00003728-T01](#)) by JUP MaxPab polyclonal antibody.

Lane 1: JUP transfected lysate (81.70 kDa).

Lane 2: Non-transfected lysate.



### In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between JUP and APC. HeLa cells were stained with anti-JUP rabbit purified polyclonal 1:1200 and anti-APC mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human JUP protein.

### Immunogen

JUP (NP\_002221.1, 1 a.a. ~ 745 a.a) full-length human protein.

## Sequence

MEVMNLMEQPIKVTEWQQTYTYDSGIHSGANTCVPSVSSKGIMEEDEACGRQYTLKKTTTYTQGV  
PPSQGDLEYQMSTTARAKRVREAMCPGVSGEDSSLLLATQVEGQATNLQRLAEPQQLKSAMH  
LINYQDDAELATRALPELTKLLNDEDPVVVTKAAMVNQLSKKEASRRALMGSPQLVAAVVRTMQ  
NTSDLDTARCTTSILHNLSHHREGLLAIFKSGGIPALVRMLSSPVESVLFYAITTLHNLLEYQEGAKM  
AVRLADGLQKMVPLLNNKNNPKFLAITTDCLQLLAYGNQESKLIILANGGPQALVQIMRNYSYEKLLW  
TTSRVLKVLVSVCPSPNKPAMEAGGMQALGKHLTSNSPRLVQNCLWTLRNLSDVATKQEGLESVL  
KILVNQLSVDDVNVLTGATGTLNLTNNNSKNKTLVTQNSGVEALIHAILRAGDKDDITEPAVCALR  
HLTSRHPAEMAQNSVRLNYGIPAVKLLNQPNQWPLVKATIGLIRNLALCPANHAPLQEAIVIPRL  
VQLLVKAHQDAQRHVAAGTQQPYTDGVRMEEIVEGCTGALHILARDPMNRMEIFRLNTIPLFVQLL  
YSSVENIQRVAAGVLCELAQDKEAADAIDAEGASAPLMELLHSRNEGATYAAAVLFRISEDKNP  
DYRKRVSVELTNSLFKHDPAAWEAAQSMIPINEPYGDDMDATYRPMYSSDVPLDPLEMHMDMD  
GDYPIDTYSDDLPPPYPTADHMLA

## Host

Rabbit

## Reactivity

Human

## Quality Control Testing

Antibody reactive against mammalian transfected lysate.

## Storage Buffer

In 1x PBS, pH 7.4

## Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

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Lane 1: JUP transfected lysate(81.70 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between JUP and APC. HeLa cells were stained with anti-JUP rabbit purified polyclonal 1:1200 and anti-APC mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

## Gene Info — JUP

## Entrez GeneID

[3728](#)

## GeneBank Accession#

[NM\\_002230.1](#)

## Protein Accession#

[NP\\_002221.1](#)

Gene Name	JUP
Gene Alias	ARVD12, CTNNG, DP3, DPIII, PDGB, PKGB
Gene Description	junction plakoglobin
Omim ID	<a href="#">173325 601214</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in this gene has been associated with Naxos disease. Alternative splicing occurs in this gene; however, not all transcripts have been fully described. [provided by RefSeq]
Other Designations	OTTHUMP00000164735 catenin (cadherin-associated protein), gamma (80kD) catenin (cadherin-associated protein), gamma 80kDa gamma-catenin

## Pathway

- [Acute myeloid leukemia](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Pathways in cancer](#)

## Disease

- [Arrhythmias](#)
- [Arrhythmogenic Right Ventricular Dysplasia](#)
- [Genetic Predisposition to Disease](#)