

DNAxPAb

Hard-to-Find
Antibody

JUP DNAxPab

Catalog # H00003728-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human JUP DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MEVMNLMEQPIKVTIEWQQTYTDSGIHSGANTCVPSVSSKGIMEEDEACGRQYTLKKTTTYTQGV
PPSQGDLEYQMSTTARAKRVREAMCPGVSGEDSSLLLATQVEGQATNLQRLAEPsQLLKSAVH
LINYQDDAELATRALPELTkLLNDEDpVVVTkaAMMVNQLSKKEASRRALMGSPQLVAAVVRTMQ
NTSDLDTARCTTSILHNLSHHREGLLAIFKSGGIPALVRMLSSPVESVLFYAITTLHNLLLYQEGAKM
AVRLADGLQKMVPLLNKNNPKFLAITTDCLQLLAYGNQESKLILANGGPQALVQIMRNYSYEKLLW
TTSRVLVKLSVCPSPNKPAMEAGGMQALGKHLTSNSPRLVQNCWTLRNLSDVATKQEGLESVL
KILVNQLSVDDVNVLTcatGTLsNLTCNNSKNKTLVTQNSGVEALIHAILRAGDKDDITEPAVCALR
HLTSRHPEAEMAQNSVRLNYGIPAVKLLNQPNQWPLVKATIGLIRNLALCPANHAPLQEAaVIPRL
VQLLVKAHQDAQRHVAAGTQQPYTDGVRMEEIVEGCTGALHILARDPMNRMEIFRLNTIPLFVQLL
YSSVENIQRVAAGVLCelaQDKEAADAIDAEGASAPLMELLHSRNEGtATYAAAVLFRISEDKNP
DYRKRVSVELTNSLFKHDPAAWEAAQSMIPINEPYGDDMDATYRPMYSSDVPLDPLEMHMDMD
GDYPIDTYSdGLRPPYPTADHMLA

Host Rabbit

Reactivity Human

Purification Protein A

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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — JUP

Entrez GeneID [3728](#)

GeneBank Accession# [NM_002230.1](#)

Protein Accession# [NP_002221.1](#)

Gene Name JUP

Gene Alias ARVD12, CTNNG, DP3, DP11, PDGB, PKGB

Gene Description junction plakoglobin

Omim ID [173325 601214](#)

Gene Ontology [Hyperlink](#)

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](#)