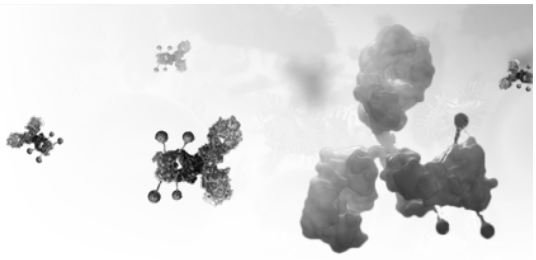

Human JUP blocking peptide (CDBP1333)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Plakoglobin/Gamma-catenin antibody
Antigen Description	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, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	JUP junction plakoglobin [Homo sapiens (human)]
Official Symbol	JUP
Synonyms	JUP; junction plakoglobin; DP3; PDGB; PKGB; CTNNG; DPIII; ARVD12; desmoplakin-3;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	desmoplakin III; catenin (cadherin-associated protein), gamma 80kDa;
Entrez Gene ID	3728
mRNA Refseq	NM_002230.2
Protein Refseq	NP_002221.1
UniProt ID	P14923
Chromosome Location	17q21
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adherens junctions interactions, organism-specific biosystem; Arf6 trafficking events, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Cell junction organization, organism-specific
Function	alpha-catenin binding; cadherin binding; protein binding; protein homodimerization activity; protein kinase binding; protein phosphatase binding; structural constituent of cell wall; structural molecule activity; structural molecule activity; transcriptio

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221