

MaxPab®

PKP2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005318-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PKP2 protein.
Immunogen	PKP2 (ADR83411.1, 1 a.a. ~ 837 a.a) full-length human protein.
Sequence	MAAPGAPAEYGYIRTVLGQQILGQLDSSSLALPSEAKLKLAGSSGRGGQTVKSLRIQEQVQQTLA RKGRSSVGNGNLHRTSSVPEYVYNLHLVENDFVGGRSPVPKTYDMLKAGTTATYEGRWGRGTA QYSSQKSVEERSLRHPLRRLEISPDSSPERAHYTHSDYQYSQRSQAGHTLHHQESRRAALLVPPR YARSEIVGVS RAGTTSRQRHFDYHRQYQHGSVSDTVFDSIPANPALLTYPRPGTSRSMGNLLEK ENYLTAGLTVGQVRPLVPLQPVTQNRASRSSWHQSSFHSTRTLREAGPSVAVDSSGRRRAHLTVG QAAAGGSGNLLTERSTFTDSQLGNADMEMTLERAVSMLEADHMLPSRISAAATFIQHECFQKSE ARKRVNQLRGILKLLQLLKVNEDVQRAVCGALRNLFEDNDNKLEVAELNGVPRLLQVLKQTRD LETKKQITGLLWNLSSNDKLNLMITEALLTLTENIIIPFSGWPEGDYKANGLLDFDIFYNVTGCLRN MSSAGADGRKAMRRCDGLIDSLVHYVRGTIADYQPD DKATENCVCILHNLSYQLEAELPEKYSQNI YIQNRNIQTDNNKSIGCFGSRSRKVKEQYQDVPMPEEKS NPKGVEWLWHSVIRMYSLIAKSVRN YTQEASLGALQNLTAGSGPMPTSV AQTVVQKESGLQHTRKMLHVGDPSPVKKTAISLLRNLSRNLS LQNEIAKETLPDLVSIIPDTPVSTDLLIETTASACYTLNIIQNSYQNARDLLNTGGIQKIMASAGDAYA SNKASKAASVLLYSLWAHTELHHAYKKAQFKKTD FVNSRTAKAYHSLKD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (79)
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](#)

Gene Info — PKP2

Entrez GeneID [5318](#)

GeneBank Accession# [HQ258660.1](#)

Protein Accession# [ADR83411.1](#)

Gene Name PKP2

Gene Alias ARVD9, MGC177501

Gene Description plakophilin 2

Omim ID [602861](#) [609040](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the cytoskeleton. This gene product may regulate the signaling activity of beta-catenin. Two alternately spliced transcripts encoding two protein isoforms have been identified. A processed pseudogene with high similarity to this locus has been mapped to chromosome 12p13. [provided by RefSeq]

Other Designations -

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)

Disease

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

- [Tachycardia](#)