

MaxPab®

PKD2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005311-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PKD2 protein.
Immunogen	PKD2 (AA11455.1, 1 a.a. ~ 968 a.a) full-length human protein.
Sequence	MVNSSRVQPQQPGDAKRPPAPRAPDPGRLMAGCAAVGASLAAPGGLCEQRGLEIEMQRIRQAA ARDPPAGAAASPSPLSSCSRQAWSRDNPGFEEEEEEVEGEEGGMVEMDVEWRPGSRR SAASSAVSSVGARSRLGGYHGAGHPSGRRRRREDQGPPCSPVGGDPLHRHLPLEGQPPR VAWAERLVRGLRGLWGTRLMEESSTNREKYLKSVLRELVTYLLFLMLCILTYGMMSSNVYYTRM MSQLFLDTPVSKTEKTNFKTLSSMEDFWKFTESLLDGLYWKMQPSNQTEADNRSFIFYENLLLG VPRIRQLRVRNGSCSIPQDLRDEIKECYDVYSVSSSEDRAFPGRNGTAWYTSEKDLNGSSHWGII ATYSGAGYYLDLSRTREETAQVASLKKNVWLDGRTRATFIDFSVYNANINLFCVVRLLEFPATG GVIPSWQFQPLKLIRYVTTDFFLAACEIIFCFIFYVVEEILEIRIHKLHYFRSFWNCLDVVMVLSVV AIGINIYRTSNVEVLLQFLEDQNTFPNFEHLAYWQIQFNIAAVTVFFVWIKLFKFINFRMTSQLSTT MSRCAKDLFGFAIMFFIIFLAYAQLAYLVFGTQVDDFSTFQECIFTQFRILGDINFAEIEEANRVLGPIY FTTFVFFMFFILLNMFLAIINDTYSEVKSDLAQQAEMELSDLRKGYHKALVKLKLKKNVDDISES LRQGGGKLNFDLQDLKKGKHTDAEIEAIFTKYDQDQDELTEHEHQMRDDLEKEREDLDLD HSSLPRPMSSRSFPRSLDDSEEDDDSDSGHSSRRRSGSISSGVSYEEFQVLVRRVDRMEHSIGSI VSKIDAVIVKLEIMERAKLKRREVLGRLLDGVAEDERLGRDSEIHREQMERLVREELERWESDDA ASQISHGLGTPVGLNGQPRPRSSRPSSSQSTEGMEGAGGNGSSNVHV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (90)
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 — PKD2

Entrez GeneID [5311](#)

GeneBank Accession# [BC111454.3](#)

Protein Accession# [AAI11455.1](#)

Gene Name PKD2

Gene Alias APKD2, MGC138466, MGC138468, PC2, PKD4

Gene Description polycystic kidney disease 2 (autosomal dominant)

Omim ID [173910](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the polycystin protein family. The encoded protein contains multiple transmembrane domains, and cytoplasmic N- and C-termini. The protein may be an integral membrane protein involved in cell-cell/matrix interactions. The encoded protein may function in renal tubular development, morphology, and function, and may modulate intracellular calcium homeostasis and other signal transduction pathways. This protein interacts with polycystin 1 to produce cation-permeable currents. Mutations in this gene have been associated with autosomal dominant polycystic kidney disease. [provided by RefSeq]

Other Designations polycystin 2|polycystin

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Polycystic Kidney](#)

- [Polycystic kidney disease](#)
- [Tobacco Use Disorder](#)