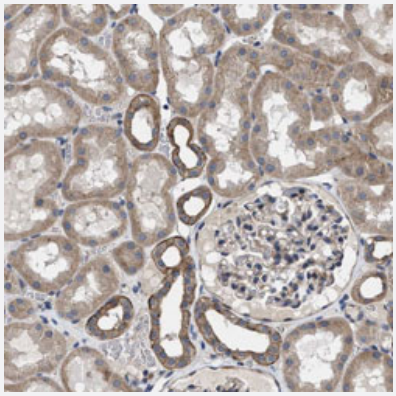
PKD2 polyclonal antibody

Catalog # PAB30512 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with PKD2 polyclonal antibody (Cat # PAB30512) shows positivity in a subset of renal tubules at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PKD2.
Immunogen	Recombinant protein corresponding to human PKD2.
Sequence	REDLDLDHSSLPRPMSSRSFPRSLDDSEEDDDEDSGHSSRRRGSISSGVSYEEFQVLVRRVDR MEHSIGSIVSKIDAVIVKLEIMERAKLKRREVLGRLLDGVAEDERLGRDSEIHREQMERLVREELER WESDDAASQISH
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — PKD2

Entrez GeneID	5311
Protein Accession#	Q13563
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 multi ple transmembrane domains, and cytoplasmic N- and C-termini. The protein may be an integral m embrane protein involved in cell-cell/matrix interactions. The encoded protein may function in renal tubular development, morphology, and function, and may modulate intracellular calcium homoeost asis and other signal transduction pathways. This protein interacts with polycystin 1 to produce cat ion-permeable currents. Mutations in this gene have been associated with autosomal dominant p olycystic kidney disease. [provided by RefSeq
Other Designations	polycystin 2|polycystwin

Disease

- Cardiovascular Diseases

- Diabetes Mellitus
- Disease Progression
- Edema
- Hypertension
- Kidney Failure
- Polycystic Kidney
- Polycystic kidney disease
- Tobacco Use Disorder