

PKD1L2 Rabbit pAb

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Catalog # AP54936

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q7Z442
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	272514
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PKD1L2
Epitope Specificity	2351-2459/2459
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the polycystin protein family. The encoded protein contains 11 transmembrane domains, a latrophilin/CL-1-like GPCR proteolytic site (GPS) domain, and a polycystin-1, lipoxxygenase, alpha-toxin (PLAT) domain. This protein may function as a component of cation channel pores. This gene appears to be a polymorphic pseudogene in humans, where some individuals contain a non-functional allele. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]

Additional Information

Gene ID	114780
Other Names	Polycystin-1-like protein 2, Polycystin-1L2, PC1-like 2 protein, Polycystic kidney disease protein 1-like 2, PKD1L2 (HGNC:21715)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

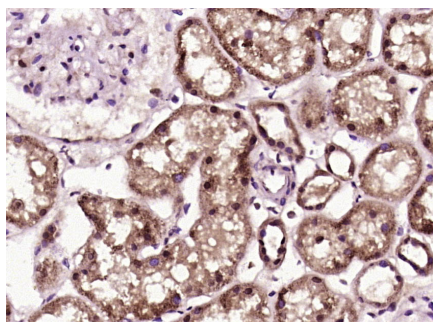
Name	PKD1L2 (HGNC:21715)
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Function	May function as a G protein-coupled receptor.
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Expressed in all tissues tested including brain, placenta, mammary gland, testis, lung and liver. Highest expression in skeletal muscle. Isoform 2 is expressed in heart and kidney

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Images



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PKD1L2) Polyclonal Antibody, Unconjugated (AP54936) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.