antibodies .- online.com







anti-PKD1 antibody (AA 615-753) (FITC)



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Quantity:	100 μg
Target:	PKD1
Binding Specificity:	AA 615-753
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKD1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Polycystin-1 protein (615-753AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	PKD1	
Alternative Name:	PKD1 (PKD1 Products)	
Background:	Background: Involved in renal tubulogenesis (PubMed:12482949). Involved in fluid-flow	
	mechanosensation by the primary cilium in renal epithelium (By similarity). Acts as a regulator	

of cilium length, together with PKD2 (By similarity). The dynamic control of cilium length is essential in the regulation of mechanotransductive signaling (By similarity). The cilium length response creates a negative feedback loop whereby fluid shear-mediated deflection of the primary cilium, which decreases intracellular cAMP, leads to cilium shortening and thus decreases flow-induced signaling (By similarity). May be an ion-channel regulator. Involved in adhesive protein-protein and protein-carbohydrate interactions.

Aliases: Autosomal dominant polycystic kidney disease 1 protein antibody, Autosomal dominant polycystic kidney disease protein 1 antibody, nPKC-D1 antibody, nPKC-mu antibody, OTTHUMP00000208669 antibody, OTTHUMP00000208670 antibody, PBP antibody, Pc-1 antibody, PKD antibody, Pkd1 antibody, PKD1_HUMAN antibody, Polycystic Kidney Disease 1 antibody, polycystic kidney disease-associated protein antibody, Polycystin 1 Precursor antibody, Polycystin-1 antibody, Protein kinase C mu type antibody, Protein kinase D antibody, Serine/threonine-protein kinase D1 antibody, transient receptor potential cation channel, subfamily P, member 1 antibody, TRPP1 antibody

UniProt:

P98161

Pathways:

Myometrial Relaxation and Contraction, Maintenance of Protein Location

Application Details

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	