antibodies -online.com





anti-PKD1 antibody (AA 131-230) (Biotin)



Go to Product page

\sim	
()\/△	rview
\cup	1 410 44

Quantity:	100 μL
Target:	PKD1
Binding Specificity:	AA 131-230
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKD1 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Polycystin 1	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse	
Purification:	Purified by Protein A.	

Target Details

Target:	PKD1
Alternative Name:	Polycystin 1 (PKD1 Products)
Background:	Synonyms: PBP, Pc-1, TRPP1, Polycystin-1, Autosomal dominant polycystic kidney disease 1

protein,	

Background: Involved in renal tubulogenesis. Involved in fluid-flow mechanosensation by the primary cilium in renal epithelium. Acts as a regulator of cilium length, together with PKD2. The dynamic control of cilium length is essential in the regulation of mechanotransductive signaling. 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.

Gene ID:	5310

UniProt: P98161

Pathways: Myometrial Relaxation and Contraction, Maintenance of Protein Location

Application Details

Application Notes: WB 1:300-5000

IHC-P 1:200-400

IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months