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## Datasheet for ABIN7163835 anti-PKD1 antibody (AA 615-753) (HRP)



Overview

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

## Product Details

Immunogen:	Recombinant Human Polycystin-1 protein (615-753AA)
Isotype:	lgG
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

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	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	
Application Notes:	Optimal working dilution should be determined by the investigator.
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 Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

-20 °C,-80 °C

Storage:

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