

Product datasheet for **TA361859**

Polycystin 2 (PKD2) Rabbit Polyclonal Antibody

Product data:

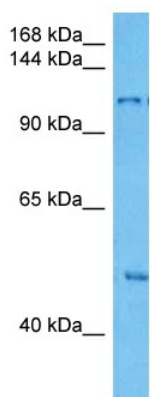
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PKD2
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	106 kDa
Gene Name:	polycystin 2, transient receptor potential cation channel
Database Link:	NP_000288.1 Entrez Gene 5311 Human Q13563
Background:	This gene encodes a member of the polycystin protein family. The encoded protein is a multi-pass membrane protein that functions as a calcium permeable cation channel, and is involved in calcium transport and calcium signaling in renal epithelial cells. This protein interacts with polycystin 1, and they may be partners in a common signaling cascade involved in tubular morphogenesis. Mutations in this gene are associated with autosomal dominant polycystic kidney disease type 2.
Synonyms:	APKD2; MGC138466; MGC138468; Pc-2; PC2; PKD4; Polycystwin; R48321; TRPP2



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Protein Families: Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

Product images:



Host: Rabbit
Target Name: PKD2
Sample Type: Jurkat Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: PKD2
Sample Tissue: Human Jurkat Whole Cell lysates
Antibody Dilution: 1 μ g/ml