

Product datasheet for **TA355718**

Polycystin 2 (PKD2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PKD2
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat Homology: Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
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:	71kDa
Gene Name:	polycystin 2, transient receptor potential cation channel
Database Link:	Entrez Gene 5311 Human Q13563-4



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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.

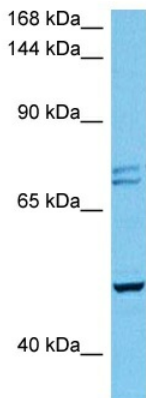
Synonyms:

APKD2; MGC138466; MGC138468; Pc-2; PC2; PKD4; Polycystwin; R48321; TRPP2

Product images:



Host: Rabbit
 Target Name: PKD2
 Sample Type: Stomach Tumor lysates
 Antibody Dilution: 1.0ug/ml



Host: Rabbit
 Target Name: Pkd2
 Sample Type: Mouse Heart Lysate
 Antibody Dilution: 1.0µg/ml

Host: Mouse
 Target Name: PKD2
 Sample Tissue: Mouse Heart
 Antibody Dilution: 1ug/ml