

Rabbit PKD2 Polyclonal Antibody | anti-PKD2 antibody

PKD2 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197897	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

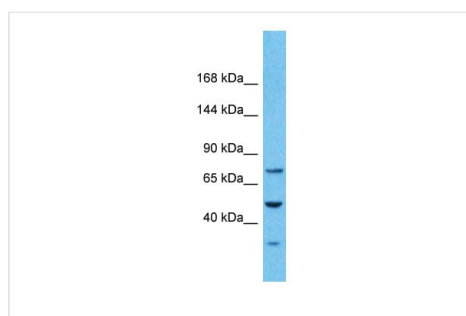
PRODUCT SYNONYMS

PKD2; Polyclonal Antibody; PKD2 Antibody - N-terminal region; anti-PKD2 antibody

PRODUCT SPECIFICATIONS

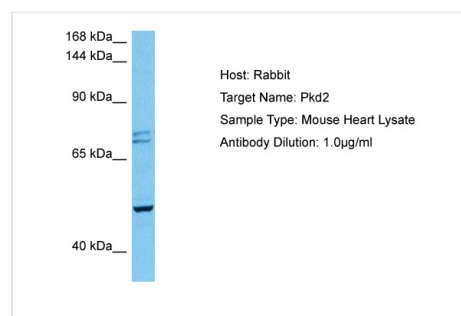
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GL RGLWGTRLME ESSTNREKYL KSVLRELVTY LLFLIVLCIL TYGMMSSN
Sequence Length	646
Applicable Applications for anti-PKD2 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PKD2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PKD2 antibody	This is a rabbit polyclonal antibody against PKD2. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-PKD2 antibody	Polyclonal; Ion Channel; Signaling Intermediate; Membrane Protein; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	116242717
NCBI GeneID	5311
UniProt Accession #	Q13563
Molecular Weight	71kDa
NCBI Official Full Name	Polycystin-2
NCBI Official Synonym Full Names	polycystin 2, transient receptor potential cation channel
NCBI Official Symbol	PKD2
NCBI Official Synonym Symbols	PC2; PKD4; Pc-2; APKD2; TRPP2
NCBI Protein Information	polycystin-2
UniProt Protein Name	Polycystin-2
UniProt Gene Name	PKD2
UniProt Entry Name	PKD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pkd2-antibody-western-blot-elisa/197897>