

Rabbit anti-Human PKD2 Polyclonal Antibody | anti-PKD2 antibody

Rabbit anti-PKD2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210747	Rabbit	Human	Immunoprecipitation, Western Blot

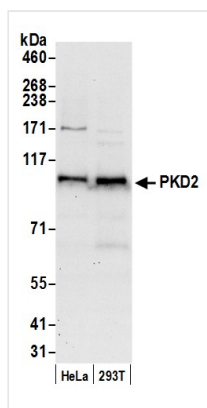
PRODUCT SYNONYMS

PKD2; Polyclonal Antibody; Rabbit anti-PKD2 Antibody; Affinity Purified; serine/threonine-protein kinase D2; HSPC187; nPKC-D2; Serine/threonine-protein kinase D2; protein kinase D2; anti-PKD2 antibody

PRODUCT SPECIFICATIONS

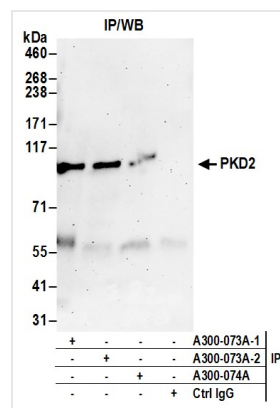
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PKD2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 325 and 375
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PKD2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PKD2 antibody AAA210747 (lot AAA210747-2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PKD2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PKD2 antibody AAA210747 (lot AAA210747-2) used for IP at 6 ug per reaction. PKD2 was also immunoprecipitated by a previous lot of this antibody (lot AAA210747-1) and rabbit anti-PKD2 antibody For blotting immunoprecipitated PKD2, AAA210747 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-PKD2 antibody	PKD2 is a member of the protein kinase D (PKD) family of serine/threonine protein kinases that belongs to a subfamily of the calcium-calmodulin kinase-like superfamily. PKD2 and its family members are activated by phorbol esters and diacylglycerol generated by PKC activation. PKD2 has been demonstrated to play a role in IL-2 promoter regulation as well as IL-8 production. PKD2 may also be involved in the regulation of trans-golgi network trafficking.
Product Categories/Family for anti-PKD2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923468
NCBI GeneID	25865
NCBI Accession #	NP_057541.2
NCBI GenBank Nucleotide #	NM_016457.4
UniProt Accession #	Q9BZL6; Q8NCK8; Q8TB08; Q9P0T6; Q9Y3X8; M0R2R2
Molecular Weight	80,143 Da
NCBI Official Full Name	serine/threonine-protein kinase D2 isoform A
NCBI Official Synonym Full Names	protein kinase D2
NCBI Official Symbol	PRKD2
NCBI Official Synonym Symbols	PKD2; HSPC187; nPKC-D2
NCBI Protein Information	serine/threonine-protein kinase D2
UniProt Protein Name	Serine/threonine-protein kinase D2
UniProt Gene Name	PRKD2
UniProt Synonym Gene Names	PKD2
UniProt Entry Name	KPCD2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pkd2-antibody-immunoprecipitation-western-blot-elisa/210747>