

Rabbit PRKCH Polyclonal Antibody | anti-PRKCH antibody

PRKCH antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200647	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Zebrafish	Western Blot

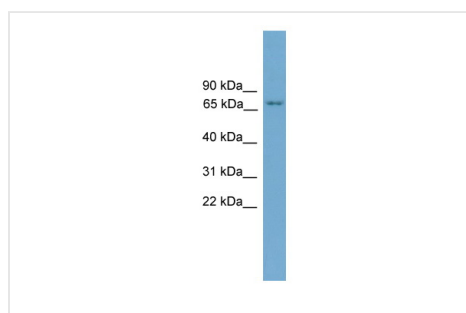
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

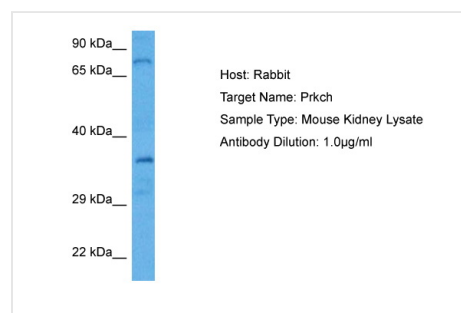
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KK GHQLDPYLT VSVDQVRVGQ TSTKQKTNKP TYNEEFCANV TDGGHLEL
Sequence Length	683
Applicable Applications for anti-PRKCH antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PRKCH
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



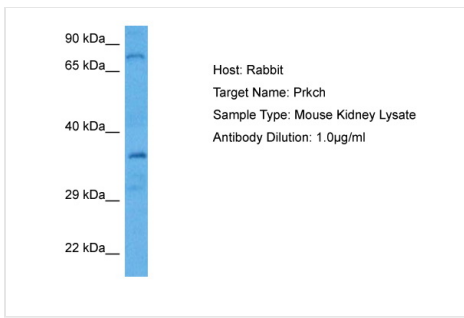
WB (Western Blot)

WB Suggested Anti-PRKCH Antibody Titration: 1.0 ug/ml
 Positive Control: Jurkat Whole Cell
 PRKCH is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



WB (Western Blot)

Host: Rabbit
 Target Name: PRKCH
 Sample Tissue: Mouse Kidney
 Antibody Dilution: 1ug/ml



WB (Western Blot)

Host: Mouse Target Name: PRKCH Sample Tissue: Mouse Kidney Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PRKCH antibody	This is a rabbit polyclonal antibody against PRKCH. It was validated on Western Blot Target Description: Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipids-dependent protein kinase. It is predominantly expressed in epithelial tissues and has been shown to reside specifically in the cell nucleus. This protein kinase can regulate keratinocyte differentiation by activating the MAP kinase MAPK13 (p38delta)-activated protein kinase cascade that targets CCAAT/enhancer-binding protein alpha (CEBPA). It is also found to mediate the transcription activation of the transglutaminase 1 (TGM1) gene.
Product Categories/Family for anti-PRKCH antibody	Polyclonal; Transcription Regulation; Cell Biology; E3 & Ubiquitin; Phosphorylation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	28557781
NCBI GeneID	5583
NCBI Accession #	NP_006246
NCBI GenBank Nucleotide #	NM_006255
UniProt Accession #	P24723
Molecular Weight	78kDa
NCBI Official Full Name	protein kinase C eta type
NCBI Official Synonym Full Names	protein kinase C eta
NCBI Official Symbol	PRKCH
NCBI Official Synonym Symbols	PKCL; PKC-L; PRKCL; nPKC-eta
NCBI Protein Information	protein kinase C eta type
UniProt Protein Name	Protein kinase C eta type
UniProt Gene Name	PRKCH
UniProt Synonym Gene Names	PKCL; PRKCL
UniProt Entry Name	KPCL_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://www.aaabiotech.com/polyclonal/prkch-antibody-western-blot-elisa/200647>