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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56703_P050-Biotin
Product Page	www.avivasysbio.com/prkch-antibody-n-terminal-region-biotin-arp56703-p050-biotin.html
Name	PRKCH Antibody - N-terminal region : Biotin (ARP56703_P050-Biotin)
Protein Size (# AA)	683 amino acids
Molecular Weight	78kDa
Conjugation	Biotin
NCBI Gene Id	5583
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protein kinase C, eta
Alias Symbols	PKCL, PKC-L, PRKCL, nPKC-eta
Peptide Sequence	Synthetic peptide located within the following region: KKGHQLLDPYLTVSVSDQVRVGGTSTKQKTNKPTYNEEFCANVTDGGHLEL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	BANP; HSP90AA1; GSK3A; PPP1R14A; UBC; VHL; PRKCH; NFE2L2; MGMT; ZBTB8OS; PARD6A; PRKD1; NUMB; ITGB2; SRC; PTPN11; FYN; CDK2; PDPK1; AKAP13;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PRKCH (ARP56703_P050-Biotin) antibody
Blocking Peptide	For anti-PRKCH (ARP56703_P050-Biotin) antibody is Catalog # AAP56703 (Previous Catalog # AAPP39513)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PRKCH
Uniprot ID	P24723
Protein Name	Protein kinase C eta type
Sample Type Confirmation	PRKCH is strongly supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_006246
Purification	Affinity Purified
Nucleotide Accession #	NM_006255
Gene Symbol	PRKCH

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Zebrafish: 85%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two arms of the Y represent the antigen-binding sites.

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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