

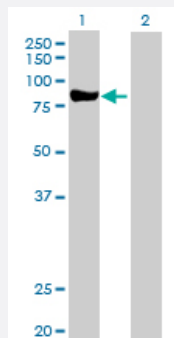
MaxPab®

PRKCD purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005580-D01P

Size 100 ug

Applications

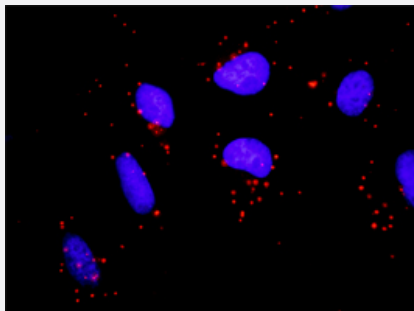


Western Blot (Transfected lysate)

Western Blot analysis of PRKCD expression in transfected 293T cell line ([H00005580-T01](#)) by PRKCD MaxPab polyclonal antibody.

Lane 1: PRKCD transfected lysate(77.50 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between PRKCD and FYN. HeLa cells were stained with anti-PRKCD rabbit purified polyclonal 1:1200 and anti-FYN mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PRKCD protein.

Immunogen

PRKCD (NP_006245.2, 1 a.a. ~ 676 a.a) full-length human protein.

Sequence	MAPFLRIAFNSYELGSLQAEDEANQPFCAVKMKEALSTERGKTLVQKKPTMYPEWKSTFDAHIYE GRVIQVLMRAAEEPVSEVTVGVSVLAERCKKNNGKAEFWLDLQPQAKVLMMSVQYFLEDVDCKQ SMRSEDEAKFPTMNRRAIKQAKIHYNHEFIATFFGQPTFCVCKDFVWGLNKQGYKCRQCNA AIHKCIDKIIIGRCTGTAANSRDTIFQKERFNIDMPHRFKVHNYMSPTFCDHCGSLLWGLVKQGLKC EDCGMNVHHKCREKVANLCGINQKLLAEALNQVTQRASRRSDSASSEPVGIYQGFEKKTGVAGE DMQDNSGTYGKIWEGSSKCNINNFIFHKVLGKGSFGKVLLGELKGRGEYFAIKALKKDVLIDDDV ECTMVEKRVLTAAENPFLTHLICTFQTKDHLFFVMEFLNGGDLMYHIQDKGRFELYRATFYAAEIM CGLQFLHSKGIYRDLKLDNVLLDRDGHKIADFGMCKENIFGESRASTFCGTPDYIAPEILQGLKYTF SVDWWSFGVLLYEMLIGQSPFHGDDDELFESIRVDTPHYPRWITKESKDILEKLFEREPTKRLGV TGNIKIHPFFKTINWTLLEKRRLEPPFRPKVKSPRDYSNFDQEFLNEKARLSYSDKNLIDSMDSQSAF AGFSFVNPKFEHLLED
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

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Gene Info — PRKCD

Entrez GeneID [5580](#)

GeneBank Accession# [NM_006254.3](#)

Protein Accession#	NP_006245.2
Gene Name	PRKCD
Gene Alias	MAY1, MGC49908, PKCD, nPKC-delta
Gene Description	protein kinase C, delta
Omim ID	176977
Gene Ontology	Hyperlink
Gene Summary	<p>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 distinct roles in cells. The protein encoded by this gene is one of the PKC family members. Studies both in human and mice demonstrate that this kinase is involved in B cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq]</p>
Other Designations	protein kinase C delta VIII

Pathway

- [Chemokine signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [GnRH signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Tight junction](#)
- [Type II diabetes mellitus](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)