

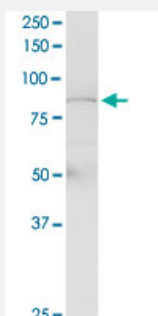
MaxPab®

PLCD4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00084812-D01P

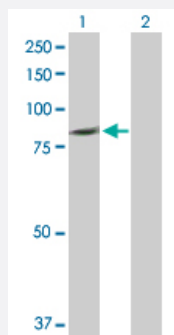
Size 100 ug

Applications



Western Blot (Tissue lysate)

PLCD4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PLCD4 expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of PLCD4 expression in transfected 293T cell line ([H00084812-T02](#)) by PLCD4 MaxPab polyclonal antibody.

Lane 1: PLCD4 transfected lysate(87.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PLCD4 protein.

Immunogen

PLCD4 (NP_116115.1, 1 a.a. ~ 762 a.a) full-length human protein.

Sequence	MASLLQDQLTTDQDLLLMQEGMPMRKVRKSWKKLRYFRLQNDGMTVWHARQARGSAKPSFSI SDVETIRNGHDSELLRSLAEELPLEQGFTVVFHGRRSNLDLMANSVEEAQIWMRGLQLLVDLVTS MDHQRERLDQWLSDWFQRGDKNQDGKMSFQEVQRLLHLMNVEMDQEYAFSLFQAADTSQSGT LEGEEFVQFYKALTKRAEVQELFESFSADGQKLTLLEFLDFLQEEQKERDCTSELALELIDRYEPS DSGKLRHVLSMDGFLSYLCSKDGDIENPACLPYQDMTQPLNHYFICSSHNTYLVGDQLCGQSSV EGYIRALKRGCRCVEVDVWDGPSGEPVVYHGHTLTSLRILFKDVVATVAQYAFQTS DYPVILSLETH CSWEQQQTMARHLTEILGEQLLSTTLDGVLPTQLPSPEELRRKILVKGKKLTLEEDLEYEEEEAEPE ELEEESELALESQFETEPEPQEQNLQNKDKKKKSKPILCPALSSLVYLKSVSFRSFTHSKEHYHFY EISSFSETKAKRLIKEAGNEFVQHNTWQLSRVYPSGLRTDSSNYPQELWNAGCQMAMNMQTA GLEMDICDGHFRQNGGCGYVLKPDFLRDIQSSFHPEKPISPFKAQTLTIQVISGQQLPKVDKTKEG SMDPLVKVQIFGVRLDTARQETNYVENNGFNYPWGQTLCFRVLVPELAMLRFFVMDYDWKSRN DFIGQYTLPWTCMQQGYRHHLLSKDGLSRPASIFVYICIQEGLEGDES
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (73)
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 (Tissue lysate)

PLCD4 MaxPab rabbit polyclonal antibody. Western Blot analysis of PLCD4 expression in human kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PLCD4 expression in transfected 293T cell line ([H00084812-T02](#)) by PLCD4 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PLCD4

Entrez GeneID

[84812](#)

GeneBank Accession#	NM_032726
Protein Accession#	NP_116115.1
Gene Name	PLCD4
Gene Alias	MGC12837
Gene Description	phospholipase C, delta 4
Omim ID	605939
Gene Ontology	Hyperlink
Gene Summary	Phosphatidylinositol-specific phospholipase C (PLC) plays an important role in receptor-mediated signal transduction by generating 2 second messenger molecules, inositol 1,4,5-triphosphate (IP3) and diacylglycerol, from phosphatidylinositol 4,5-bisphosphate (PIP2). PLC comprises a diverse family of enzymes that differ in structure and tissue distribution (Berridge, 1993 [PubMed 8381210]).[supplied by OMIM]
Other Designations	PLC delta4

Pathway

- [Calcium signaling pathway](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Mental Disorders](#)