



# Anti-PLCD1 (aa 144-193) polyclonal antibody (DPABH-18744)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	PLCD1 acts as a signal transducer that generates 2 second messengers, diacylglycerol and inositol 1,4,5-trisphosphate, by hydrolyzing inositol phospholipids. The PLC family of enzymes are diverse and vary in structure and tissue distribution.
<b>Immunogen</b>	Synthetic peptide corresponding to region within amino acids 144-193 of Human PLCD1 (WIHSCLRKAD KNKDNKMSFK ELQNFLKELN IQVDDSYARK IFRECDHSQT).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituents: 2% Sucrose, PBS
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">PLCD1 phospholipase C, delta 2 [ Homo sapiens ]</a>
Official Symbol	PLCD1
Synonyms	PLCD1; phospholipase C, delta 1; NDNC3; PLC-III; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-1; PLC-delta-1; phospholipase C-III; phosphoinositide phospholipase C-delta-1; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase delta-1;
Entrez Gene ID	<a href="#">5333</a>
Protein Refseq	<a href="#">NP_001124436.1</a>
UniProt ID	<a href="#">P51178</a>
Pathway	Calcium signaling pathway; D-myo-inositol (1,4,5)-trisphosphate biosynthesis; D-myo-inositol-5-phosphate metabolism; Inositol phosphate metabolism
Function	GTPase activating protein binding; calcium ion binding; phosphatidylinositol phospholipase C activity; signal transducer activity