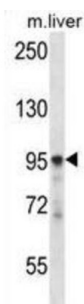


## Phospholipase C Delta 3 (PLCD3) Antibody

Catalogue No.: abx028208



This gene encodes a member of the phospholipase C family, which catalyze the hydrolysis of phosphatidylinositol 4, 5-bisphosphate to generate the second messengers diacylglycerol and inositol 1, 4, 5-trisphosphate (IP3). Diacylglycerol and IP3 mediate a variety of cellular responses to extracellular stimuli by inducing protein kinase C and increasing cytosolic Ca<sup>2+</sup> concentrations. This enzyme localizes to the plasma membrane and requires calcium for activation. Its activity is inhibited by spermine, sphingosine, and several phospholipids. [provided by RefSeq].

<b>Target:</b>	Phospholipase C Delta 3 (PLCD3)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Mouse
<b>Tested Applications:</b>	ELISA, WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 60-89 amino acids from the N-terminal region of human PLCD3.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein A column, followed by peptide affinity purification.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q8N3E9 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )

# Datasheet

Version: 4.0.0

Revision date: 17 Mar 2025



**Gene Symbol:** PLCD3

**KEGG:** hsa:113026

**String:** [9606.ENSP00000479636](#)

**Molecular Weight:** Calculated MW: 89.3 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only