

## PLCD3 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A19990	Rabbit	1 mg/ml	86790

<b>Applications</b>	WB
<b>Reactivity</b>	Human, Mouse
<b>Dilution</b>	WB 1: 500-2000
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	This antibody detects endogenous levels of PLCD3 at Human/Mouse
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Immunogen</b>	Synthesized peptide derived from human PLCD3
<b>Uniprot No</b>	Q8N3E9
<b>Alternative names</b>	
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	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, Jul 2008],
<b>Other</b>	PLCD3 KIAA1964, PLCD3

### Product Images:

#### Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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