

## PLCD3 antibody

### Product Information

Catalog No.:	FNab06526
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Hydrolyzes the phosphatidylinositol 4,5-bisphosphate(PIP2) to generate 2 second messenger molecules diacylglycerol(DAG) and inositol 1,4,5-trisphosphate(IP3). DAG mediates the activation of protein kinase C(PKC), while IP3 releases Ca(2+) from intracellular stores. Essential for trophoblast and placental development. May participate in cytokinesis by hydrolyzing PIP2 at the cleavage furrow.

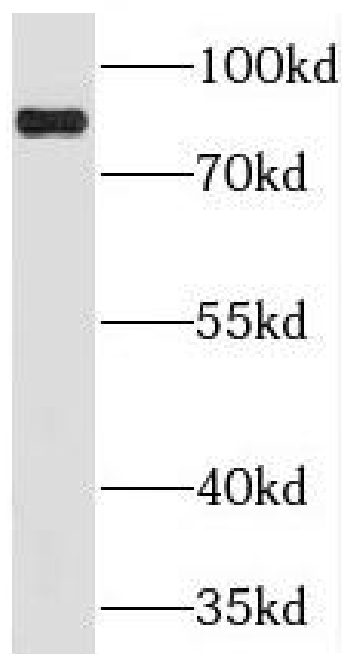
### Immunogen information

Immunogen:	phospholipase C, delta 3
Synonyms:	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3 Phosphoinositide phospholipase C-delta-3 Phospholipase C-delta-3 (PLC-delta-3) PLCD3 KIAA1964
Observed MW:	85 kDa
Uniprot ID :	Q8N3E9

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with FNab06526(PLCD3 Antibody) at dilution of 1:600