

## PC-PLD2 (phospho Tyr169) Polyclonal Antibody

Catalog No: #13627



Package Size: #13627-1 50ul #13627-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	PC-PLD2 (phospho Tyr169) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-PC-PLD2 (Y169) Polyclonal Antibody detects endogenous levels of PC-PLD2 protein only when phosphorylated at Y169.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human PLD2 around the phosphorylation site of Tyr169. AA range:136-185
Other Names	PLD2; Phospholipase D2; PLD 2; hPLD2; Choline phosphatase 2; PLD1C; Phosphatidylcholine-hydrolyzing phospholipase D2
Accession No.	Swiss Prot:O14939GeneID:5338
Uniprot	O14939
GeneID	5338
SDS-PAGE MW	95
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

## Background

phospholipase D2(PLD2) Homo sapiens The protein encoded by this gene catalyzes the hydrolysis of phosphatidylcholine to phosphatidic acid and choline. The activity of the encoded enzyme is enhanced by phosphatidylinositol 4,5-bisphosphate and ADP-ribosylation factor-1. This protein localizes to the peripheral membrane and may be involved in cytoskeletal organization, cell cycle control, transcriptional regulation, and/or regulated secretion. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011],

Note: This product is for in vitro research use only