

产品名称: PC-PLD2 (phospho Tyr169) Rabbit Polyclonal Antibody
产品货号: APRab05221



产品概述 (Summary)

产品名称 (Production Name)	PC-PLD2 (phospho Tyr169) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PLD2
别名 (Alternative Names)	PLD2; Phospholipase D2; PLD 2; hPLD2; Choline phosphatase 2; PLD1C; Phosphatidylcholine-hydrolyzing phospholipase D2
基因 ID (Gene ID)	5338.0
蛋白 ID (SwissProt ID)	O14939.The antiserum was produced against synthesized peptide derived from human PLD2 around the phosphorylation site of Tyr169. AA range:136-185

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
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蛋白分子量 (Molecular Weight) 95kDa

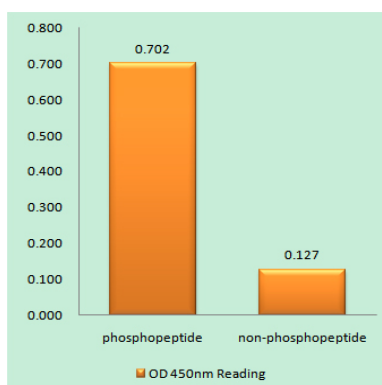
研究背景 (Background)

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],catalytic activity:A phosphatidylcholine + H₂O = choline + a phosphatidate.,enzyme regulation:Stimulated by phosphatidylinositol 4,5-bisphosphate and activated by the ADP-ribosylation factor-1 (ARF-1).,function:May have a role in signal-induced cytoskeletal regulation and/or endocytosis.,online information:Phospholipase D entry,similarity:Belongs to the phospholipase D family.,similarity:Contains 1 PH domain.,similarity:Contains 1 PX (phox homology) domain.,similarity:Contains 2 PLD phosphodiesterase domains.,subunit:Interacts with EGFR (By similarity). Interacts with PIP5K1A.,tissue specificity:Ubiquitous.,

研究领域 (Research Area)

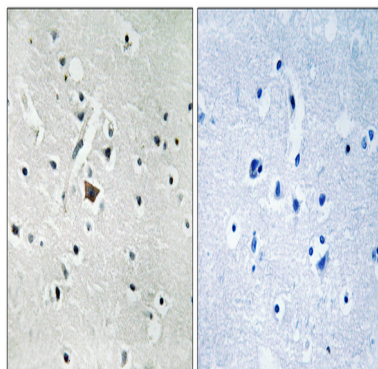
Glycerophospholipid metabolism;Ether lipid metabolism;Endocytosis;Fc gamma R-mediated phagocytosis;GnRH;

图片 (Image Data)

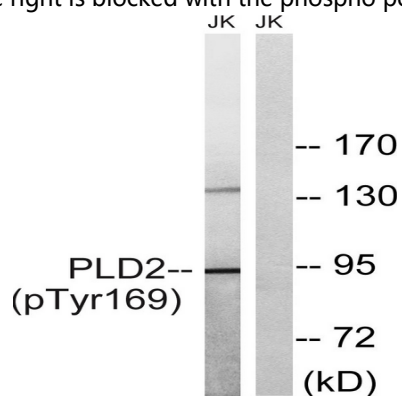


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using PLD2 (Phospho-Tyr169) Antibody

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Immunohistochemistry analysis of paraffin-embedded human brain, using PLD2 (Phospho-Tyr169) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from Jurkat cells treated with TNF 20ng/ml 30 ', using PLD2 (Phospho-Tyr169) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .