

产品名称: phospho-Phospholipase C gamma 1/PLC-gamma-1 (Y1253)(14A10) Rabbit Monoclonal Antibody
产品货号: AMRe05243



产品概述 (Summary)

产品名称 (Production Name)	phospho-Phospholipase C gamma 1/PLC-gamma-1 (Y1253)(14A10) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PLCG1
别名 (Alternative Names)	PLC-148; PLC-II; PLC-gamma1; PLC1; PLCG-1; Phospholipase C-gamma-1;
基因 ID (Gene ID)	5335.0
蛋白 ID (SwissProt ID)	P19174.A synthetic peptide of human Phospholipase C gamma 1/PLC-gamma-1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000
蛋白分子量 (Molecular Weight)	149kDa

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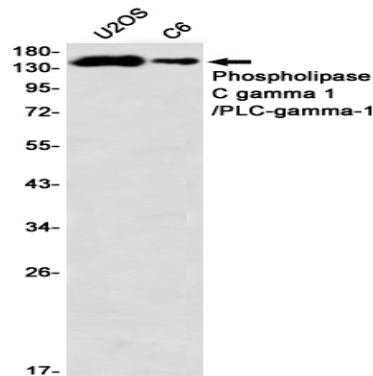
研究背景 (Background)

Plays a role in actin reorganization and cell migration. The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. Major substrate for heparin-binding growth factor 1 (acidic fibroblast growth factor)-activated tyrosine kinase. Mediates the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3). Plays an important role in the regulation of intracellular signaling cascades. Becomes activated in response to ligand-mediated activation of receptor-type tyrosine kinases, such as PDGFRA, PDGFRB, EGFR, FGFR1, FGFR2, FGFR3 and FGFR4 (By similarity). Plays a role in actin reorganization and cell migration (PubMed:17229814).

研究领域 (Research Area)

Cardiovascular

图片 (Image Data)



Western blot detection of Phospholipase C gamma 1/PLC-gamma-1 in U2OS,C6 using Phospholipase C gamma 1/PLC-gamma-1 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .