

产品名称: cPLA2-ε Rabbit Polyclonal Antibody
产品货号: APRab09317



产品概述 (Summary)

产品名称 (Production Name)	cPLA2-ε Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	PLA2G4E
别名 (Alternative Names)	PLA2G4E; Cytosolic phospholipase A2 epsilon; cPLA2-epsilon; Phospholipase A2 group IVE
基因 ID (Gene ID)	123745.0
蛋白 ID (SwissProt ID)	Q3MJ16. The antiserum was produced against synthesized peptide derived from human PLA2G4E. AA range: 401-450

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

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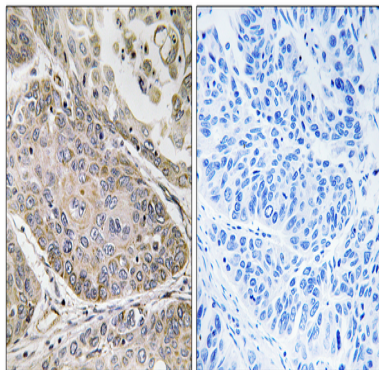
研究背景 (Background)

catalytic activity:Phosphatidylcholine + H₂O = 1-acylglycerophosphocholine + a carboxylate.,domain:The N-terminal C2 domain associates with lipid membranes and mediates its regulation by presenting the active site to its substrate in response to elevations of cytosolic Ca²⁺.,enzyme regulation:Stimulated by cytosolic Ca²⁺.,function:Calcium-dependent phospholipase A2 that selectively hydrolyzes glycerophospholipids in the sn-2 position.,similarity:Contains 1 C2 domain.,similarity:Contains 1 PLA2c domain.,subcellular location:Translocates to lysosomal membranes in a calcium-dependent fashion.,catalytic activity:Phosphatidylcholine + H₂O = 1-acylglycerophosphocholine + a carboxylate.,domain:The N-terminal C2 domain associates with lipid membranes and mediates its regulation by presenting the active site to its substrate in response to elevations of cytosolic Ca²⁺.,enzyme regulation:Stimulated by cytosolic Ca²⁺.,function:Calcium-dependent phospholipase A2 that selectively hydrolyzes glycerophospholipids in the sn-2 position.,similarity:Contains 1 C2 domain.,similarity:Contains 1 PLA2c domain.,subcellular location:Translocates to lysosomal membranes in a calcium-dependent fashion.,

研究领域 (Research Area)

Glycerophospholipid metabolism;Ether lipid metabolism;Arachidonic acid metabolism;Linoleic acid metabolism;alpha-Linolenic acid metabolism;MAPK_ERK_Growth;MAPK_G_Protein;Vascular smooth muscle contraction;VEGF;Fc epsilon RI;Fc gamma R-mediated phagocytosis;Long-term depression;GnRH;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using PLA2G4E Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .