

产品名称: PLA1A Rabbit Polyclonal Antibody
产品货号: APRab16232



产品概述 (Summary)

产品名称 (Production Name)	PLA1A 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,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)	PLA1A
别名 (Alternative Names)	PLA1A; NMD; PSPLA1; Phospholipase A1 member A; Phosphatidylserine-specific phospholipase A1; PS-PLA1
基因 ID (Gene ID)	51365.0
蛋白 ID (SwissProt ID)	Q53H76.The antiserum was produced against synthesized peptide derived from human PLA1A. AA range:381-430

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	45-50kDa

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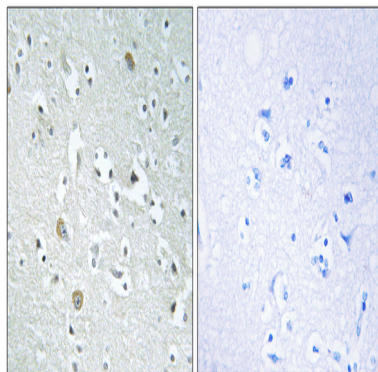
研究背景 (Background)

The protein encoded by this gene is a phospholipase that hydrolyzes fatty acids at the sn-1 position of phosphatidylserine and 1-acyl-2-lysophosphatidylserine. This secreted protein hydrolyzes phosphatidylserine in liposomes. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2011],function:Hydrolyzes the ester bond at the sn-1 position of glycerophospholipids and produces 2-acyl lysophospholipids. Hydrolyzes phosphatidylserine (PS) in the form of liposomes and 1-acyl-2 lysophosphatidylserine (lyso-PS), but not triolein, phosphatidylcholine (PC), phosphatidylethanolamine (PE), phosphatidic acid (PA) or phosphatidylinositol (PI). Isoform 2 hydrolyzes lyso-PS but not PS. Hydrolysis of lyso-PS in peritoneal mast cells activated by receptors for IgE leads to stimulate histamine production.,similarity:Belongs to the AB hydrolase superfamily. Lipase family.,tissue specificity:Widely expressed. Expressed in placenta, prostate and liver. Weakly or not expressed in skin, leukocytes, platelets, colon, spleen, lung, muscle and kidney.,

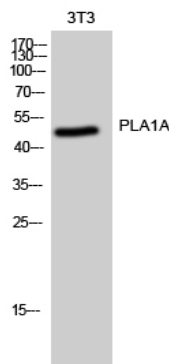
研究领域 (Research Area)

Lipid metabolism; Metabolism; Pathways and Processes; Metabolic signaling pathways; Lipid and lipoprotein metabolism; Hydrolysis; Signaling Pathway; Lipid Signaling; Lipid Phosphatases; Cardiovascular; Lipids / Lipoproteins

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human brain, using PLA1A Antibody. The picture on the right is blocked with the synthesized peptide.



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Western Blot analysis of 3T3 cells using PLA1A Polyclonal Antibody

注意事项 (Note)

For research use only .