

产品名称: iPLA2γ Rabbit Polyclonal Antibody
产品货号: APRab12704



产品概述 (Summary)

产品名称 (Production Name)	iPLA2γ Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,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)	PNPLA8
别名 (Alternative Names)	PNPLA8; IPLA22; IPLA2G; BM-043; Calcium-independent phospholipase A2-gamma; Intracellular membrane-associated calcium-independent phospholipase A2 gamma; iPLA2-gamma; PNPLA-gamma; Patatin-like phospholipase domain-containing protein 8; iPLA
基因 ID (Gene ID)	50640.0
蛋白 ID (SwissProt ID)	Q9NP80.The antiserum was produced against synthesized peptide derived from human PNPLA8. AA range:691-740

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
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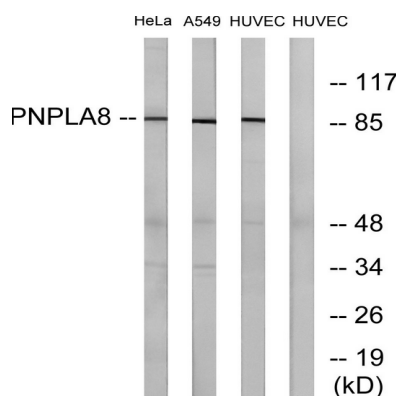
蛋白分子量 (Molecular Weight) 88kDa

研究背景 (Background)

This gene encodes a member of the patatin-like phospholipase domain containing protein family. Members of this family are phospholipases which catalyze the cleavage of fatty acids from membrane phospholipids. The product of this gene is a calcium-independent phospholipase. Mutations in this gene have been associated with mitochondrial myopathy with lactic acidosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2015],catalytic activity:2-lysophosphatidylcholine + H₂O = glycerophosphocholine + a carboxylate.,enzyme regulation:Inhibited by E-6-bromomethylene-3-1-naphthalenyl-2H-tetrahydropyran-2-one (BEL),,function:Calcium-independent phospholipase A2, which catalyzes the hydrolysis of the sn-2 position of glycerophospholipids, PtdSer and to a lower extent PtdCho. Cleaves membrane phospholipids.,similarity:Contains 1 patatin domain.,tissue specificity:Expressed in parenchymal tissues including heart, skeletal muscle, placenta, brain, liver and pancreas. Also expressed in bronchial epithelial cells and kidney. Highest expression is observed in skeletal muscle and heart.,

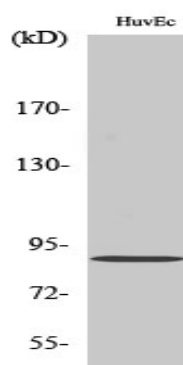
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from HUVEC, HeLa, and A549 cells, using PNPLA8 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using iPLA2γ Polyclonal Antibody diluted at 1: 2000

注意事项 (Note)

For research use only .