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Phospho-Phospholipase A2 (Ser505) (YD11678) Rabbit mAb

货号: AYD14110

产品信息

反应	Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	
理论分子量	85kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	NIH/3T3
细胞定位	Cytoplasm, Golgi apparatus membrane, Nucleus envelope
纯化	亲和纯化

抗原信息

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靶点信息

研究背景	This gene encodes a member of the cytosolic phospholipase A2 group IV family. The enzyme catalyzes the hydrolysis of membrane phospholipids to release arachidonic acid which is subsequently metabolized into eicosanoids. Eicosanoids, including prostaglandins and leukotrienes, are lipid-based cellular hormones that regulate hemodynamics, inflammatory responses, and other intracellular pathways. The hydrolysis reaction also produces lysophospholipids that are converted into platelet-activating factor. The enzyme is activated by increased intracellular Ca ²⁺ levels and phosphorylation, resulting in its translocation from the cytosol and nucleus to perinuclear membrane vesicles. Alternative splicing results in multiple transcript variants.
基因ID	5321
基因名	PLA2G4A
Swiss	P47712 (https://www.uniprot.org/uniprotkb/P47712/entry)
别名	Phospho-Phospholipase A2 (Ser505) (YD11678), Phospho-Phospholipase A2 (Ser505) (YD11678) Rabbit mAb, PLA2G4A, Phospholipase A2 group IVA, Phosphatidylcholine 2-acylhydrolase, CPLA2, PLA2G4

产品验证

实验步骤

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