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Phospho-c-PLA2 (Ser505) Antibody

货号: AYP19627

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	85kDa
实测分子量	85kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	NIH/3T3
细胞定位	Cytoplasm,Cytoplasmic vesicle
纯化	Affinity purification

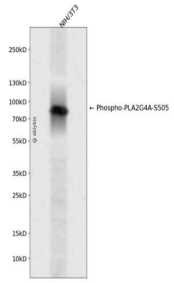
抗原信息

抗原信息	A synthetic phosphorylated peptide around S505 of human PLA2G4A (NP_077734.1).

靶点信息

研究背景	This gene encodes a member of the cytosolic phospholipase A2 group IV family. The enzyme catalyzes th e hydrolysis of membrane phospholipids to release arachidonic acid which is subsequently metabolized in to eicosanoids. Eicosanoids, including prostaglandins and leukotrienes, are lipid-based cellular hormones that regulate hemodynamics, inflammatory responses, and other intracellular pathways. The hydrolysis r eaction 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 transcri pt variants.
基因ID	5321
基因名	PLA2G4A
Swiss	P47712 (https://www.uniprot.org/uniprotkb/P47712/entry)
别名	PLA2G4A,PLA2G4,cPLA2,cPLA2-alpha,Phospho-PLA2G4A-S505 Rabbit pAb,Phospholipase A2 group IVA,Ph osphatidylcholine 2-acylhydrolase

产品验证



Western blot analysis of Phospho-c-PLA2-S505 expressed in NIH/3T3 using Phospho-c-PLA2-S505 Rabbit p Ab at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per l ane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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