

Phospho-PLA2G4A-S505 Rabbit pAb

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°C. 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

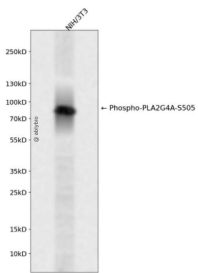
抗原信息	A synthetic phosphorylated peptide around S505 of human PLA2G4A (NP_077734.1).
序列	PLSPL

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.
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基因ID	5321
基因名	PLA2G4A
Swiss	P47712
别名	PLA2G4A;PLA2G4;cPLA2;cPLA2-alpha

产品验证



Western blot analysis of Phospho-PLA2G4A-S505 expressed in NIH/3T3 using Phospho-PLA2G4A-S505 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/protein s: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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