

# PLA2G16 Rabbit pAb

货号: **AYP13833**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Homo sapiens
应用	<a href="#">WB</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	18kDa
实测分子量	18kDa
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	HepG2, HT-29
细胞定位	cytoplasm, cytosol, endoplasmic reticulum, lysosome, mitochondrial membrane, mitochondrion, nuclear envelope, perinuclear region of cytoplasm, peroxisome, plasma membrane
纯化	Affinity purification

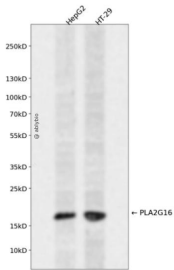
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 68-162 of human PLA2G16 (NP_009000.2).
序列	VAGSDKYQVNNKHDDKYSPLPCSKIIQRAEELVGQEVLYKLTSENCEHFVNELRYGVARSDQVRDVIIAASVAGMGLAAMSLIGVMFSRNKRQKQ

## 靶点信息

研究背景	Exhibits both phospholipase A1/2 and acyltransferase activities. Shows phospholipase A1 (PLA1 and A2 (PLA2 activity, catalyzing the calcium-independent release of fatty acids from the sn-1 or sn-2 position of glycerophospholipids. For most substrates, PLA1 activity is much higher than PLA2 activity. Shows O-acyltransferase activity, catalyzing the transfer of a fatty acyl group from glycerophospholipid to the hydroxyl group of lysophospholipid. Shows N-acyltransferase activity, catalyzing the calcium-independent transfer of a fatty acyl group at the sn-1 position of phosphatidylcholine (PC and other glycerophospholipids to the primary amine of phosphatidylethanolamine (PE, forming N-acylphosphatidylethanolamine (NAPE, which serves as precursor for N-acylethanolamines (NAEs). Exhibits high N-acyltransferase activity and low phospholipase A1/2 activity. Required for complete organelle rupture and degradation that occur during eye lens terminal differentiation, when fiber cells that compose the lens degrade all membrane-bound organelles in order to provide lens with transparency to allow the passage of light. Organelle membrane degradation is probably catalyzed by the phospholipase activity (By similarity).
基因ID	11145
基因名	PLA2G16
Swiss	P53816
别名	PLA2G16;AdPLA;H-REV107;H-REV107-1;HRASLS3;HREV107;HREV107-1;HREV107-3;HRSL3

## 产品验证



Western blot analysis of PLA2G16 expressed in HepG2, HT-29 using PLA2G16 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 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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