

Product datasheet

Anti-Calcium-independent Phospholipase A2 antibody ab104416

3 图像

概述

| | |
|-------|--|
| 产品名称 | Anti-Calcium-independent Phospholipase A2抗体 |
| 描述 | 兔多克隆抗体to Calcium-independent Phospholipase A2 |
| 宿主 | Rabbit |
| 特异性 | Reactive against mammalian transfected lysate. |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Mouse, Human |
| 免疫原 | Full length Human protein (NP_001004426.1) |
| 阳性对照 | Human kidney tissue lysate, Mouse kidney tissue lysate, Transfected 293T cell lysate |

性能

| | |
|------|--|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| 存储溶液 | Preservative: None Constituents: 1X PBS, pH 7.2 |
| 纯度 | Protein A purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

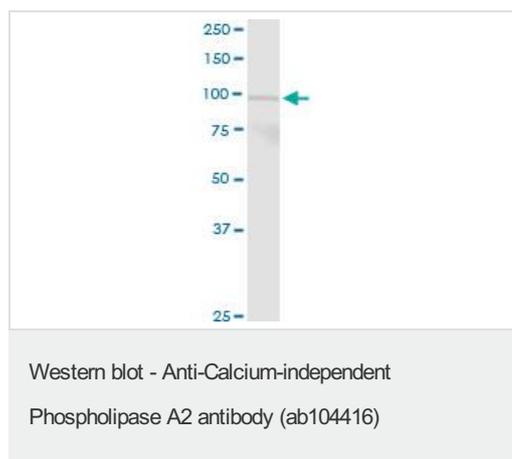
Our [Abpromise guarantee](#) covers the use of **ab104416** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|----|------|---|
| WB | | Use a concentration of 1 µg/ml. Predicted molecular weight: 90 kDa. |

靶标

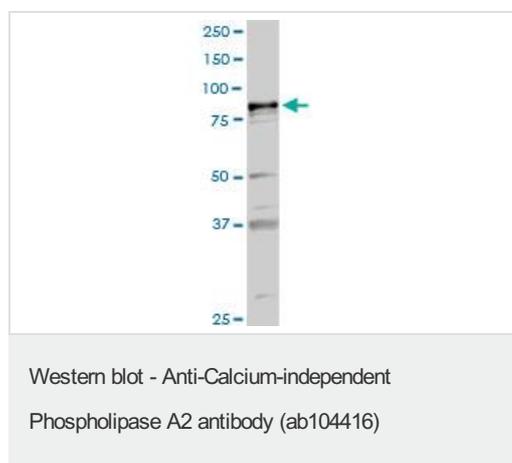
| | |
|--------------|--|
| 功能 | Catalyzes the release of fatty acids from phospholipids. It has been implicated in normal phospholipid remodeling, nitric oxide-induced or vasopressin-induced arachidonic acid release and in leukotriene and prostaglandin production. May participate in fas mediated apoptosis and in regulating transmembrane ion flux in glucose-stimulated B-cells. Has a role in cardiolipin (CL) deacylation. Required for both speed and directionality of monocyte MCP1/CCL2-induced chemotaxis through regulation of F-actin polymerization at the pseudopods. Isoform ankyrin-iPLA2-1 and isoform ankyrin-iPLA2-2, which lack the catalytic domain, are probably involved in the negative regulation of iPLA2 activity. |
| 组织特异性 | Four different transcripts were found to be expressed in a distinct tissue distribution. |
| 疾病相关 | Neurodegeneration with brain iron accumulation 2B Neurodegeneration with brain iron accumulation 2A Parkinson disease 14 |
| 序列相似性 | Contains 7 ANK repeats. Contains 1 patatin domain. |
| 细胞定位 | Cytoplasm and Membrane. Recruited to the membrane-enriched pseudopod upon MCP1/CCL2 stimulation in monocytes. |
| 形式 | The isoform LH-iPLA2 is located at the membrane. The isoform SH-iPLA2 is cytoplasmic. |

图片



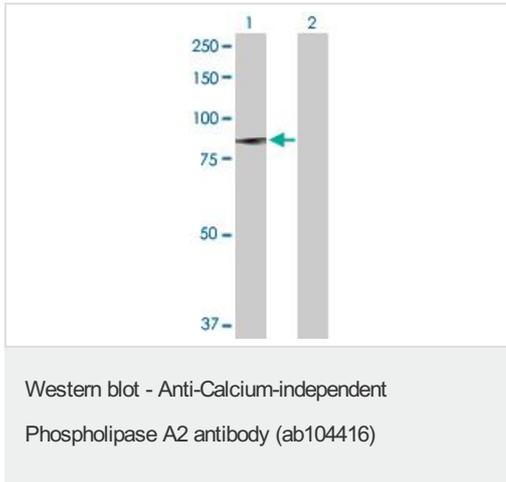
Anti-Calcium-independent Phospholipase A2 antibody (ab104416) at 1 µg/ml + Human kidney tissue lysate at 50 µg

Predicted band size: 90 kDa



Anti-Calcium-independent Phospholipase A2 antibody (ab104416) at 1 µg/ml + Mouse kidney tissue lysate at 50 µg

Predicted band size: 90 kDa



All lanes : Anti-Calcium-independent
Phospholipase A2 antibody (ab104416) at 1
µg/ml

Lane 1 : Calcium-independent
Phospholipase A2 transfected 293T lysate

Lane 2 : Non-transfected 293T lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 90 kDa

Observed band size: 84 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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