


Anti-Cytosolic Phospholipase A2 antibody ab104252

[1 References](#) [2 图像](#)

概述

产品名称	Anti-Cytosolic Phospholipase A2抗体
描述	山羊多克隆抗体to Cytosolic Phospholipase A2
宿主	Goat
经测试应用	适用于: WB, ICC/IF, IHC-P
种属反应性	与反应: Human 预测可用于: Rat, Horse, Orangutan 
免疫原	Synthetic peptide: C-QEKTFRQQRKEHIR , corresponding to internal sequence amino acids 153-166 of Human Phospholipase A2 (NP_077734.1). Run BLAST with Run BLAST with
阳性对照	WB: HeLa cell lysates. ICC/IF: A549 cells
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As
性能	
形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	ab104252 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab104252于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.3 - 1 µg/ml. Predicted molecular weight: 85 kDa. 1 hour primary incubation is recommended for this product.
ICC/IF		Use a concentration of 10 µg/ml.
IHC-P		Use a concentration of 3.75 µg/ml.

靶标

功能 Selectively hydrolyzes arachidonyl phospholipids in the sn-2 position releasing arachidonic acid. Together with its lysophospholipid activity, it is implicated in the initiation of the inflammatory response.

组织特异性 Expressed in various tissues such as macrophages, platelets, neutrophils, fibroblasts and lung endothelium.

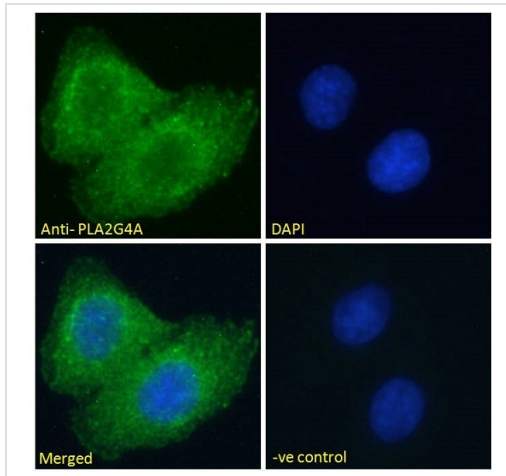
序列相似性 Contains 1 C2 domain.
Contains 1 PLA2c domain.

结构域 The N-terminal C2 domain associates with lipid membranes upon calcium binding. It modulates enzyme activity by presenting the active site to its substrate in response to elevations of cytosolic Ca(2+).

翻译后修饰 Activated by phosphorylation at both Ser-505 and Ser-727.

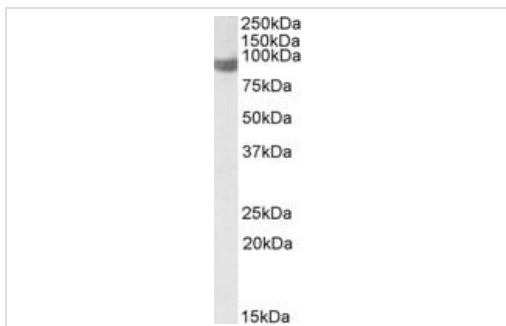
细胞定位 Cytoplasm. Cytoplasmic vesicle. Translocates to membrane vesicles in a calcium-dependent fashion.

图片



Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation with ab104252 for 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml) (green). The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).

Immunocytochemistry/ Immunofluorescence - Anti-Cytosolic Phospholipase A2 antibody (ab104252)



Anti-Cytosolic Phospholipase A2 antibody (ab104252) at 1 µg + HeLa cell lysate at 35 µg

Predicted band size: 85 kDa

Western blot - Anti-Cytosolic Phospholipase A2 antibody (ab104252)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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