

Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771) antibody [EPR2610Y] ab68148

重组 RabMAB

2 图像

概述

产品名称	Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771)抗体[EPR2610Y]
描述	兔单克隆抗体[EPR2610Y] to Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771)
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Jurkat cell lysate
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAB[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAB[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

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: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified

克隆	单克隆
克隆编号	EPR2610Y
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab68148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		

应用说明 WB: 1/5000 - 1/20000. Detects a band of approximately ~155 kDa (predicted molecular weight: 149 kDa).

Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能 Plays a role in actin reorganization and cell migration. The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. Major substrate for heparin-binding growth factor 1 (acidic fibroblast growth factor)-activated tyrosine kinase.

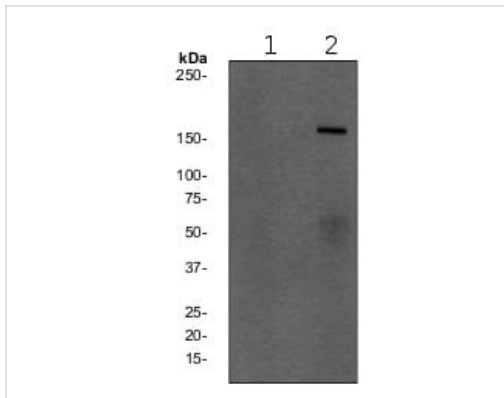
序列相似性 Contains 1 C2 domain.
 Contains 1 EF-hand domain.
 Contains 2 PH domains.
 Contains 1 PI-PLC X-box domain.
 Contains 1 PI-PLC Y-box domain.
 Contains 2 SH2 domains.
 Contains 1 SH3 domain.

结构域 The SH3 domain mediates interaction with CLNK (By similarity). The SH3 domain also mediates interaction with RALGPS1.

翻译后修饰 The receptor-mediated activation of PLC-gamma-1 and PLC-gamma-2 involves their phosphorylation by tyrosine kinases in response to ligation of a variety of growth factor receptors and immune system receptors. May be dephosphorylated by PTPRJ.
 Ubiquitinated by CBLB in activated T-cells.

细胞定位 Cell projection > lamellipodium. Cell projection > ruffle. Rapidly redistributed to ruffles and lamellipodia structures in response to epidermal growth factor (EGF) treatment.

图片



Western blot - Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771) antibody [EPR2610Y] (ab68148)

All lanes : Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771) antibody [EPR2610Y] (ab68148) at 1/20000 dilution

Lane 1 : Jurkat cell lysate (without pervanadate)

Lane 2 : Jurkat cell lysate treated with pervanadate

Lysates/proteins at 10 µg per lane.





Secondary

All lanes : HRP conjugated Goat anti-Rabbit at 1/2000 dilution

Predicted band size: 149 kDa

Observed band size: ~155 kDa

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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

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