abcam

Product datasheet

Anti-PKC mu/PKD (phospho S916) antibody [EP1494Y] ab81218

RabMAb

2 References 3 图像

概述

产品名称 Anti-PKC mu/PKD (phospho S916)抗体[EP1494Y]

描述 兔单克隆抗体[EP1494Y] to PKC mu/PKD (phospho S916)

宿主 Rabbit

适用于: WB, IHC-P, IP

不适用于: Flow Cyt or ICC/IF

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 WB: lysate from HeLa cells treated with TPA. IHC: Human placenta tissue.

常规说明
Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit

monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

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

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with

these species. Please contact us for more information.

性能

形式 Liquid

存放说明 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

存储溶液 pH: 7.20

Preservative: 0.05% Sodium azide

Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue

culture supernatant

纯**度** Tissue culture supernatant

1

克隆 单克隆

克隆编号 EP1494Y

同种型 lgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab81218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		1/50000 - 1/100000. Predicted molecular weight: 102 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/60.

应用说明 Is unsuitable for Flow Cyt or ICC/IF.

靶标

功能 Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream

of PKC. Involved in resistance to oxidative stress through activation of NF-kappa-B.

序列相似性 Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. PKD subfamily.

Contains 1 PH domain.

Contains 2 phorbol-ester/DAG-type zinc fingers.

Contains 1 protein kinase domain.

细胞定位 Cytoplasm. Membrane. Translocation to the cell membrane is required for kinase activation.

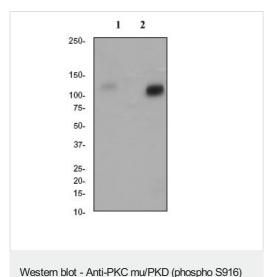
图片



Serum starved HeLa cells were incubated at 37° C for 60 minutes with vehicle control (0 μ M) and different concentrations of phorbol 12-myristate 13-acetate (PMA) (<u>ab120297</u>) in DMSO. Increased expression of PKC mu/PKD (phospho S916) (ab81218) correlates with an increase in phorbol 12-myristate 13-acetate (PMA) concentration, as described in literature.

Whole cell lysates were prepared with RIPA buffer (containing protease inhibitors and sodium orthovanadate), 20 μ g of each were loaded on the gel and the WB was run under reducing conditions. After transfer the membrane was blocked for an hour using 3% milk before being incubated with ab81218 at 1 μ g/ml and <u>ab8227</u> at 1 μ g/ml overnight at 4°C. Antibody binding was detected using an

<u>anti-rabbit HRP</u> secondary antibody (<u>ab97051</u>) at 1/10000 dilution and visualised using ECL development solution.



All lanes : Anti-PKC mu/PKD (phospho S916) antibody [EP1494Y] (ab81218) at 1/100000 dilution

Lane 1: lysate from untreated HeLa cells

Lane 2: Iyaste from HeLa cells treated with TPA

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 102 kDa



antibody [EP1494Y] (ab81218)

Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using 1/100 ab81218.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-PKC mu/PKD (phospho S916) antibody [EP1494Y] (ab81218)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- · We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.cn/abpromise or contact our technical team.

Terms and conditions

•	Guarantee only valid for products bought direct from Abcam or one of our authorized distributors				