


Anti-PKC gamma antibody ab4144

★★★★★ 2 Abreviews

概述

产品名称	Anti-PKC gamma抗体
描述	兔多克隆抗体to PKC gamma
宿主	Rabbit
经测试应用	适用于: ELISA, IHC-Fr, IHC-P, ICC/IF, WB
种属反应性	与反应: Human 预测可用于: Mammals 
免疫原	Synthetic peptide: FEACNYPLELYEVSRYGPSSS , corresponding to amino acids 302-322 of Human PKC gamma. Run BLAST with Run BLAST with

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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab4144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
ELISA		
IHC-Fr		
IHC-P		
ICC/IF	★★★★★ (1)	
WB	★★★★★ (1)	

应用说明

ELISA: assay dependent.
Immunohistochemistry: 1/250 (using horseradish peroxidase or alkaline phosphatase).
Western blot (using horseradish peroxidase or alkaline phosphatase): 1/250. Predicted molecular weight: 84 kDa.
Not tested in other applications.

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

With a more sensitive detection system, such as enhanced chemiluminescence or ELISA, the antibody may be diluted further.

It has also been reported to be useful for immunoprecipitation of PKC gamma.

靶标

功能

This is a calcium-activated, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters.

组织特异性

Expressed in Purkinje cells of the cerebellar cortex.

疾病相关

Defects in PRKCG are the cause of spinocerebellar ataxia type 14 (SCA14) [MIM:605361]. Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA14 is an autosomal dominant cerebellar ataxia (ADCA).

序列相似性

Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. PKC subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 C2 domain. Contains 2 phorbol-ester/DAG-type zinc fingers. Contains 1 protein kinase domain.

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