


Anti-PI4 kinase beta/PI4KB antibody [EPR3758(2)] ab109418

リコンビナント **RabMAb**

3 References [画像数 2](#)

製品の概要

製品名	Anti-PI4 kinase beta/PI4KB antibody [EPR3758(2)]
製品の詳細	Rabbit monoclonal [EPR3758(2)] to PI4 kinase beta/PI4KB
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF, IHC-P or IP
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	HeLa, SH-SY5Y, BxPC-3 and Jurkat cell lysates
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR3758(2)

アイソタイプ

IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab109418の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 100 kDa (predicted molecular weight: 91 kDa).

追加情報

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

ターゲット情報

機能

Phosphorylates phosphatidylinositol (PI) in the first committed step in the production of the second messenger inositol-1,4,5,-trisphosphate (PIP). May regulate Golgi disintegration/reorganization during mitosis, possibly via its phosphorylation. Involved in Golgi-to-plasma membrane trafficking.

組織特異性

Widely expressed with highest levels in heart, skeletal muscle, pancreas, testis and ovary. Weakly expressed in liver.

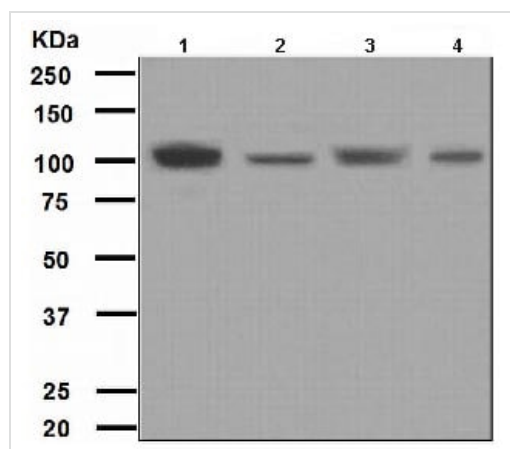
配列類似性

Belongs to the PI3K/PI4-kinase family. Type III PI4K subfamily.
Contains 1 PI3K/PI4K domain.
Contains 1 PIK helical domain.

細胞内局在

Endomembrane system. Mitochondrion outer membrane. Rough endoplasmic reticulum membrane. Golgi apparatus. Cytoplasm, perinuclear region. Found in the outer membrane of mitochondria and membranes of the rough endoplasmic reticulum. Recruited to the Golgi complex by the small GTPase ARF to stimulate the synthesis of phosphatidylinositol 4,5-bisphosphate (PIP2) on the Golgi complex.

画像



Western blot - Anti-PI4 kinase beta/PI4KB antibody [EPR3758(2)] (ab109418)

All lanes : Anti-PI4 kinase beta/PI4KB antibody [EPR3758(2)]

(ab109418) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : SH-SY5Y cell lysate

Lane 3 : BxPC-3 cell lysate

Lane 4 : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 91 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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(ab109418)

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

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