abcam

Product datasheet

Anti-PAK1 antibody ab32614

1 图像

概述

产品名称	Anti-PAK1抗体
描述	兔多克隆抗体to PAK1
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat
免疫原	Synthetic peptide within Human PAK1 aa 500 to the C-terminus. The exact sequence is proprietary. Database link: **Q13153**
阳性对照	Brain extracts. Breast carcinoma.

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: 7.6 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab32614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	Ab评论	说明
IHC-P		

应用说明

IHC-P: 1/50. Perform heat mediated antigen retrieval by boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min before commencing with IHC staining protocol.
WB: Use at an assay dependent dilution. Predicted molecular weight: 65 kDa.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

The activated kinase acts on a variety of targets. Likely to be the GTPase effector that links the Rho-related GTPases to the JNK MAP kinase pathway. Activated by CDC42 and RAC1. Involved in dissolution of stress fibers and reorganization of focal complexes. Involved in regulation of microtubule biogenesis through phosphorylation of TBCB. Activity is inhibited in cells undergoing apoptosis, potentially due to binding of CDC2L1 and CDC2L2.

序列相似性

Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.
Contains 1 CRIB domain.
Contains 1 protein kinase domain.

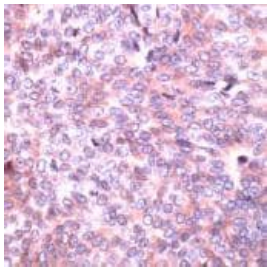
翻译后修饰

Autophosphorylated when activated by CDC42/p21 and RAC1.

细胞定位

Cytoplasm. Cell junction > focal adhesion. Recruited to focal adhesions upon activation.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAK1 antibody (ab32614)

Formalin fixed, paraffin embedded human breast carcinoma stained with ab32614 at 1/50.

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