

Product datasheet

Anti-PAK1 antibody ab71549

2 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: ELISA, IHC-P, WB |
| 种属反应性 | 与反应: Human |
| 免疫原 | Synthetic peptide corresponding to amino acid residues surrounding T423 of human PAK1, conjugated to KLH. |
| 阳性对照 | 293 cell lysates transiently transfected with the PAK1 gene. Human colon carcinoma tissue. |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Preservative: 0.09% Sodium Azide Constituents: PBS |
| 纯度 | Immunogen affinity purified |
| 纯化说明 | ab71549 is purified through a protein A column, followed by peptide affinity purification. |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

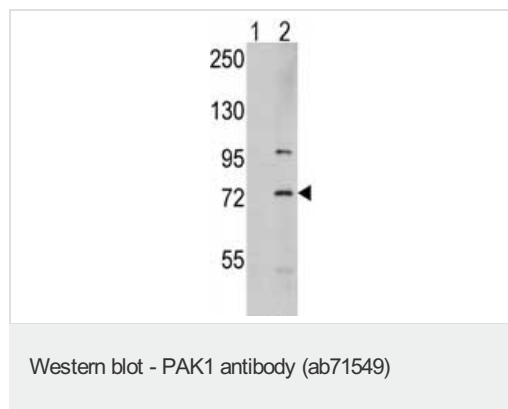
Our [Abpromise guarantee](#) covers the use of **ab71549** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|-------|------|--------------|
| ELISA | | 1/1000. |
| IHC-P | | 1/10 - 1/50. |

| 应用 | Ab评论 | 说明 |
|--------------|------|--|
| WB | | 1/50 - 1/100. Detects a band of approximately 75 kDa (predicted molecular weight: 61 kDa). |
| 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



All lanes : Anti-PAK1 antibody (ab71549) at 1/50 dilution

Lane 1 : Nontransfected 293 cell lysate

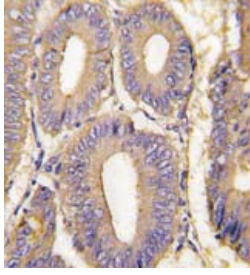
Lane 2 : 293 cell lysate transiently transfected with the PAK1 gene

Lysates/proteins at 2 µg per lane.

Predicted band size: 61 kDa

Observed band size: 75 kDa

Additional bands at: 100 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - PAK1 antibody (ab71549)

ab71549, at 1/10 dilution, staining PAK1 in human colon carcinoma by immunohistochemistry using formalin-fixed, paraffin-embedded tissue, followed by a peroxidase-conjugated secondary antibody and DAB staining.

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