


Anti-ZAK antibody ab65249

2 图像

概述

| | |
|-------|---|
| 产品名称 | Anti-ZAK抗体 |
| 描述 | 兔多克隆抗体to ZAK |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: ICC/IF, WB |
| 种属反应性 | 与反应: Human 预测可用于: Mouse  |
| 免疫原 | Synthetic peptide derived from C terminus of human ZAK |
| 阳性对照 | HeLa cell extracts and HepG2 cells. |
| 常规说明 | <p>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.</p> <p>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</p> |

性能

| | |
|------|--|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| 存储溶液 | pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride |
| 纯度 | Without Mg ²⁺ and Ca ²⁺ Immunogen affinity purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab65249 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 |
|--------|------|--|
| ICC/IF | | 1/500 - 1/1000. |
| WB | | 1/500 - 1/1000. Detects a band of approximately 91 kDa (predicted molecular weight: 91 kDa). |

靶标

功能

Stress-activated component of a protein kinase signal transduction cascade. Regulates the JNK and p38 pathways. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14. Pro-apoptotic. Role in regulation of S and G2 cell cycle checkpoint by direct phosphorylation of CHEK2. Isoform 1, but not isoform 2, causes cell shrinkage and disruption of actin stress fibers. Isoform 1 may have role in neoplastic cell transformation and cancer development. Isoform 1, but not isoform 2, phosphorylates histone H3 at 'Ser-28'.

组织特异性

Ubiquitously expressed. Isoform 2 is the predominant form in all tissues examined, except for liver, in which isoform 1 is more highly expressed.

序列相似性

Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.

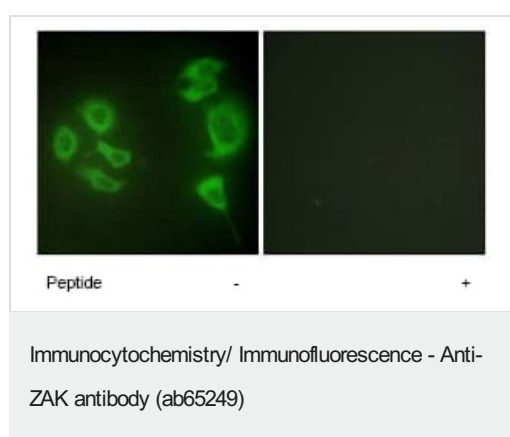
Contains 1 protein kinase domain.

Contains 1 SAM (sterile alpha motif) domain.

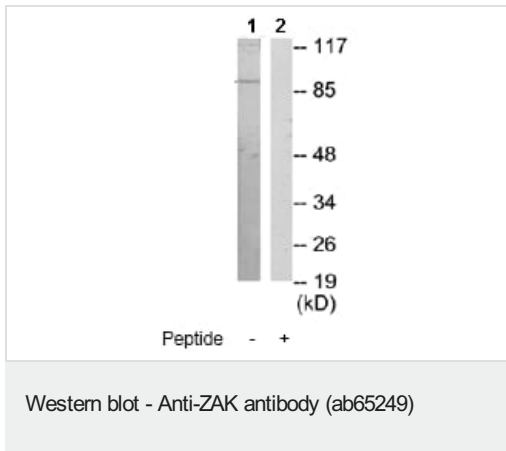
细胞定位

Cytoplasm. Nucleus. Translocates to the nucleus upon ultraviolet B irradiation.

图片



ab65249 at 1/500 dilution staining ZAK in HepG2 cells by Immunofluorescence, in the absence or presence of the immunising peptide.



All lanes : Anti-ZAK antibody (ab65249) at 1/500 dilution

Lane 1 : HeLa cell extract

Lane 2 : HeLa cell extract with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 91 kDa

Observed band size: 91 kDa

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

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