

Product datasheet

Anti-ERK1 + ERK2 antibody ab16573

★★★★☆ 1 Abreviews

概述

| | |
|-------|---|
| 产品名称 | Anti-ERK1 + ERK2抗体 |
| 描述 | 羊多克隆抗体to ERK1 + ERK2 |
| 宿主 | Sheep |
| 经测试应用 | 适用于: IP |
| 种属反应性 | 与反应: Rat, Human |
| 免疫原 | Recombinant p42/p44 MAP kinase protein. |
| 阳性对照 | HeLa cell lysate. |

性能

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|------|--|
| 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: 0.08% Sodium Azide Constituents: PBS |
| 纯度 | Ammonium Sulphate Precipitation |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab16573** 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 |
|----|------|--------------------------------------|
| IP | | Use a concentration of 1 - 10 µg/ml. |

靶标

| | |
|--------------|---|
| 功能 | Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 (By similarity). Phosphorylates heat shock factor protein 4 (HSF4) and ARHGEF2. Acts as a transcriptional repressor. Binds to a [GC]AAA[GC] consensus sequence. Repress the expression of interferon gamma-induced genes. Seems to bind to the promoter of CCL5, DMP1, IFIH1, IFITM1, IRF7, IRF9, LAMP3, OAS1, OAS2, OAS3 and STAT1. Transcriptional activity is independent of kinase activity. |
| 序列相似性 | Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily. Contains 1 protein kinase domain. |
| 结构域 | The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases. |
| 翻译后修饰 | Dually phosphorylated on Thr-185 and Tyr-187, which activates the enzyme. Dephosphorylated by PTPRJ at Tyr-187. |
| 细胞定位 | Nucleus. |

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