

Anti-ELK1 (phospho S383) antibody ab34270

[3 References](#) [1 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-ELK1 (phospho S383)抗体 |
| 描述 | 兔多克隆抗体to ELK1 (phospho S383) |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Recombinant fragment |
| 免疫原 | Synthetic peptide corresponding to Human ELK1 (phospho S383). |
| 阳性对照 | Recombinant Elk1 protein. |
| 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

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|------|--|
| 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: 7.50 Constituents: 0.01% BSA, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 0.238% HEPES |
| 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ab34270于以下的经测试应用

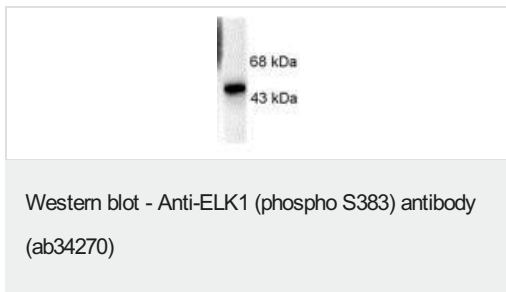
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----|------|--|
| WB | | 1/1000. Detects a band of approximately 46 kDa (predicted molecular weight: 45 kDa). |

靶标

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|-------|---|
| 功能 | Stimulates transcription. Binds to purine-rich DNA sequences. Can form a ternary complex with the serum response factor and the ETS and SRF motifs of the fos serum response element. |
| 组织特异性 | Lung and testis. |
| 序列相似性 | Belongs to the ETS family. Contains 1 ETS DNA-binding domain. |
| 翻译后修饰 | Sumoylation represses transcriptional activator activity as it results in recruitment of HDAC2 to target gene promoters which leads to decreased histone acetylation and reduced transactivator activity. It also regulates nuclear retention. On mitogenic stimulation, phosphorylated on C-terminal serine and threonine residues by MAPK1. Ser-383 and Ser-389 are the preferred sites for MAPK1. In vitro, phosphorylation by MAPK1 potentiates ternary complex formation with the serum responses factors, SRE and SRF. Phosphorylation leads to loss of sumoylation and restores transcriptional activator activity. |
| 细胞定位 | Nucleus. |

图片



Anti-ELK1 (phospho S383) antibody (ab34270) at 1/1000 dilution + recombinant Elk1 protein

Predicted band size: 45 kDa

Observed band size: 46 kDa

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

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