


Anti-ELK1 antibody ab125085

1 [References](#) **2** [图像](#)

概述

产品名称	Anti-ELK1抗体
描述	兔多克隆抗体to ELK1
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Zebrafish, Rhesus monkey, Gorilla, Tilapia, Orangutan, Xenopus tropicalis, Medaka fish 
免疫原	Synthetic peptide, corresponding to between amino acids 378-428 of Human ELK1 (NP_005220.2).
阳性对照	293T and HeLa whole cell lysates
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
纯度	pH 7 to 8 Immunogen affinity purified
纯化说明	ab125085 is affinity purified using an epitope specific to ELK1 immobilized on solid support.
克隆	多克隆

同种型IgG

应用

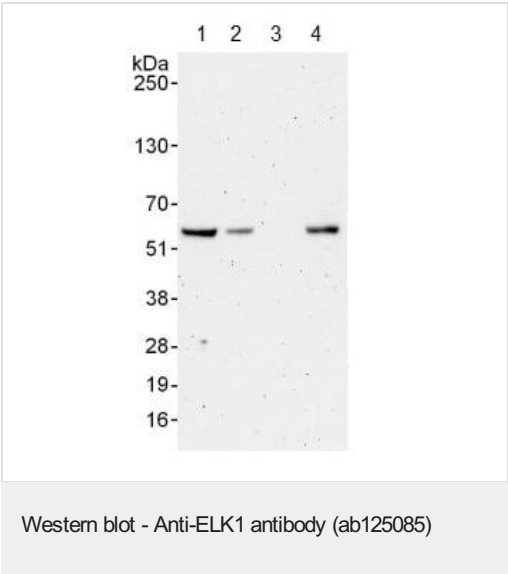
The Abpromise guarantee **Abpromise™**承诺保证使用ab125085于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000 - 1/10000. Predicted molecular weight: 45 kDa.
IP		Use at 2-10 µg/mg of lysate.

靶标

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



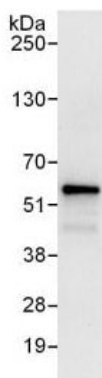
All lanes : Anti-ELK1 antibody (ab125085) at 0.1 µg/ml

- Lane 1 :** 293T whole cell lysate at 50 µg
- Lane 2 :** 293T whole cell lysate at 15 µg
- Lane 3 :** Jurkat whole cell lysate at 50 µg
- Lane 4 :** HeLa whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 45 kDa

Exposure time: 3 minutes



Immunoprecipitation - Anti-ELK1 antibody
(ab125085)

Detection of ELK1 by Western Blot of Immunoprecipitate.

ab125085 at 1 µg/ml staining ELK1 in 293T whole cell lysate immunoprecipitated using ab125085 at 6µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with exposure time of 10 seconds.

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