

**ELK1 Antibody (S383)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6282A****Specification**

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**ELK1 Antibody (S383) - Product Information**

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Application       | WB,E                                            |
| Primary Accession | <a href="#">P19419</a>                          |
| Other Accession   | <a href="#">P41969</a> , <a href="#">A4GTP4</a> |
| Reactivity        | Human                                           |
| Predicted         | Mouse, Rat                                      |
| Host              | Rabbit                                          |
| Clonality         | Polyclonal                                      |
| Isotype           | Rabbit IgG                                      |
| Calculated MW     | 44888                                           |
| Antigen Region    | 361-390                                         |

**ELK1 Antibody (S383) - Additional Information****Gene ID** 2002**Other Names**

ETS domain-containing protein Elk-1, ELK1

**Target/Specificity**

This ELK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 361-390 amino acids from human ELK1.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ELK1 Antibody (S383) is for research use only and not for use in diagnostic or therapeutic procedures.

**ELK1 Antibody (S383) - Protein Information****Name** ELK1 ([HGNC:3321](#))

**Function** Transcription factor that binds to purine-rich DNA sequences (PubMed:[10799319](#), PubMed:[7889942](#)). Forms a ternary complex with SRF and the ETS and SRF motifs of the serum response element (SRE) on the promoter region of immediate early genes such as FOS and IER2 (PubMed:[1630903](#)). Induces target gene transcription upon JNK and MAPK- signaling pathways stimulation (PubMed:[7889942](#)).

**Cellular Location**

Nucleus.

**Tissue Location**

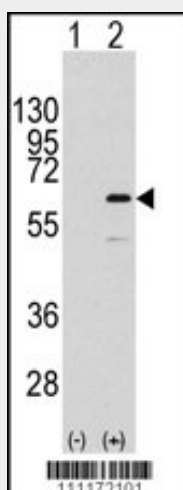
Lung and testis.

### ELK1 Antibody (S383) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### ELK1 Antibody (S383) - Images



Western blot analysis of ELK1 (arrow) using rabbit polyclonal ELK1 Antibody (S383) (RB11172). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ELK1 gene (Lane 2) (Origene Technologies).

### ELK1 Antibody (S383) - Background

ELK1 is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum response element in the promoter of the c-fos proto-oncogene. The protein is a nuclear target for the ras-raf-MAPK signaling cascade.

### ELK1 Antibody (S383) - References

Salinas, S., et al., J. Cell Biol. 165(6):767-773 (2004).  
Yang, S.H., et al., Mol. Cell 12(1):63-74 (2003).  
Bebien, M., et al., Oncogene 22(12):1836-1847 (2003).  
Sharrocks, A.D., Biochem. Soc. Trans. 30(2):1-9 (2002).  
Murai, K., et al., Mol. Cell. Biol. 22(20):7083-7092 (2002).