

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

ELK1 Antibody (S383) - Product Information

Application	WB,E
Primary Accession	P19419
Other Accession	P41969 , A4GTP4
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

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**Function** Transcription factor that binds to purine-rich DNA sequences. 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. Induces target gene transcription upon JNK-signaling pathway stimulation (By similarity).

Cellular Location

Nucleus.

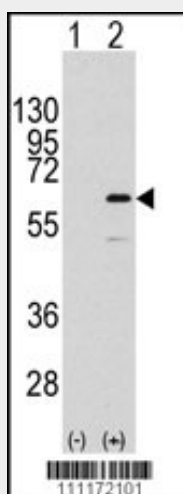
Tissue Location

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 reponse 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).