

Phospho-Elk-1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10283**Specification**

Phospho-Elk-1 Antibody - Product Information

Application	WB
Primary Accession	P19419
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44888

Phospho-Elk-1 Antibody - Additional Information**Gene ID** 2002

Application & Usage	Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. The antibody detects 62 kDa phosphorylated Elk-1 (Ser383) of human, mouse and rat origins.
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Other Names

phosphoELK1, phospho ELK 1, phospho ELK- 1, elk-1, Oncogene Elk1, ELK1 member of ETS oncogene family

Target/Specificity

Elk-1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Phospho-Elk-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Phospho-Elk-1 Antibody - 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.

Phospho-Elk-1 Antibody - 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](#)

Phospho-Elk-1 Antibody - Images**Phospho-Elk-1 Antibody - Background**

Elk-1 is a transcription factor that binds the serum response element (SRE) and mediates gene activity in response to serum and growth factors. Elk-1 is phosphorylated by MAP kinase pathways and appears to be a direct target of activated MAP kinase. Biochemical studies indicate that Elk-1 is a good substrate for MAP kinase. The kinetics of Elk-1 phosphorylation and activation correlate with MAP kinase activity. Other studies have shown that Elk-1 (Ser383) is also a target of the stress-activated kinase SAPK/JNK.