

Elk-1 Polyclonal Antibody
Catalog # AP69711**Specification**

Elk-1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P19419
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Elk-1 Polyclonal Antibody - Additional Information**Gene ID** 2002**Other Names**

ELK1; ETS domain-containing protein Elk-1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Elk-1 Polyclonal Antibody - 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

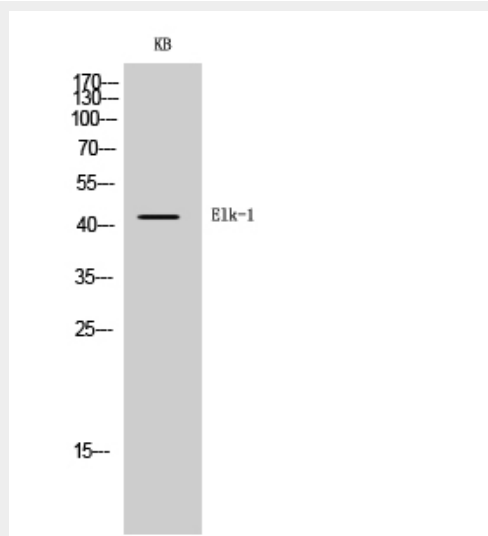
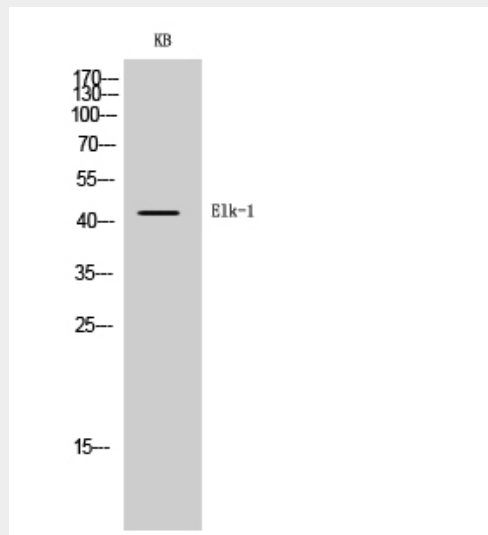
Lung and testis.

Elk-1 Polyclonal 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](#)

Elk-1 Polyclonal Antibody - Images



Elk-1 Polyclonal Antibody - Background

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).