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Tel: 858.875.1900 Fax: 858.875.1999

Elk-1 Polyclonal Antibody
Catalog # AP69709

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. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. 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℃

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.

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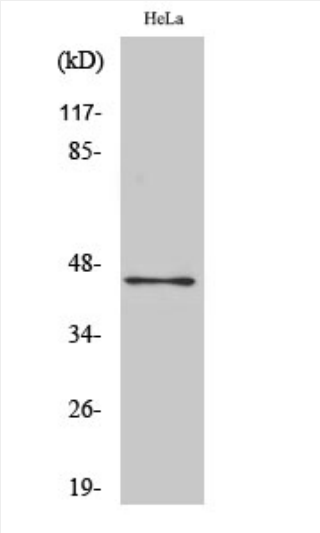
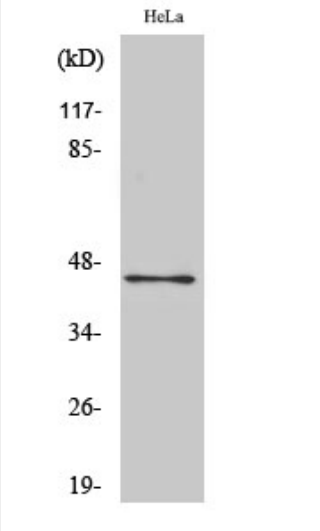
Elk-1 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Elk-1 Polyclonal Antibody - Images





Elk-1 Polyclonal Antibody - Background

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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).