

## ELK1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:2000

**Calculated MW:**45kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human ELK1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

ikq

**Synonym:**

NBN;ATV;P95;FLJ10155;NBS1;

**Catalog #:**A0789

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2002

**Isotype:**IgG

**Swiss Prot:**P19419

**Purity:**Affinity purification

For research use only.

**Background:**

E twenty-six (ETS)-like transcription factor 1, also known as ELK1, is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. It is targeted in the nucleus by three major MAP kinase pathways as well as the CaMKII pathway. phosphorylation of nuclear Elk1 enhances its ability to bind DNA at serum response elements and stimulate transcription of immediate early genes. Elk1 plays important roles in various contexts, including long-term memory formation, drug addiction, Alzheimers disease, down syndrome, breast cancer, and depression. This antibody got an 62kd band in western blotting maybe duo to its phosphorylation.

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