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PRODUCT DATASHEET

# Anti-Elk-1 (Ser383) Antibody

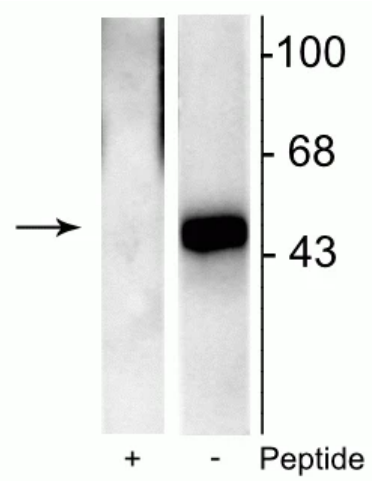
phosphosolutions ANTIBODIES THAT WORK  Pooled Serum

## Product Details

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| **Available Variants** | 100 µL (SKU:p155-383)<br>25 µL (SKU:p155-383t) |
| **Conjugate** | Unconjugated |
| **Isotype** | IgG |
| **Gene Name** | ELK1 |
| **Host Species** | Rabbit |
| **Format** | Antigen Affinity Purified from Pooled Serum |
| **Physical State** | Liquid |
| **Buffer** | 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol. |
| **Production Notes** | Prepared from rabbit serum by affinity purification via sequential chromatography on phospho- and dephosphopeptide affinity columns. |
| **Applications** | ELISA, WB |
| **Dilution Ranges** | WB: 1:1000 |
| **Species Reactivity** | Mouse, Rat |
| **Immunogen** | Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser383 of human Elk-1, conjugated to keyhole limpet hemocyanin (KLH). |
| **Specificity** | Specific for ~46 kDa Elk-1 phosphorylated at Ser383. Immunolabeling is blocked by the phosphopeptide used as antigen but not by the corresponding dephosphopeptide. |
| **Molecular Weight** | 46 kDa |
| **Quality Control** | Western blots performed on each lot. |

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| **Storage** | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C. |
| **Antibody Registry ID** | AB_2492085 |
| **UniProt ID** | P19419<br>UniProt Summary: 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). {ECO:0000269\|PubMed:10799319, ECO:0000269\|PubMed:1630903, ECO:0000269\|PubMed:7889942}. |
| **Shipping** | Blue Ice |
| **Expiration** | After date of receipt, stable for at least 1 year at -20°C. |
| **Usage Statement** | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| **Expected Reactivity** | Canine, Human, Non-Human Primate, Zebrafish |
| **Post Translational Modification Type** | Phosphorylated |
| **Post Translational Modification Residue** | Ser383 |
| **NCBI Gene ID** | 2002 |

## Product Images




Western blot of recombinant Elk-1 showing specific immunolabeling of the ~46 kDa Elk-1 phosphorylated at Ser383 in the right lane (-). Phosphospecificity is shown in the left lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as the antigen, but not by the corresponding non-phosphopeptide (not shown).



Created on 30. October 2026 | All information without guarantee