

bs-10154R**[Primary Antibody]****Phospho-ELk1 (Ser383) Rabbit pAb****Bioss**
ANTIBODIES

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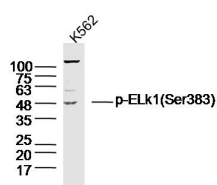
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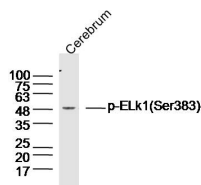
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2002 Target: Phospho-ELk1 (Ser383) Immunogen: KLH conjugated synthesised phosphopeptide derived from human ELk1 around the phosphorylation site of Ser383: TL(p-S)PI. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum response element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade. This gene produces multiple isoforms by using alternative translational start codons and by alternative splicing. Related pseudogenes have been identified on chromosomes 7 and 14. [provided by RefSeq, Mar 2012].	Isotype: IgG SWISS: P19419 Applications: WB (1:500-2000) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 47 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Sample: K562 Cell (Human) Lysate at 40 ug
Primary: Anti-Phospho-ELk1(Ser383) (bs-10154R)
at 1/300 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 47 kD Observed band size: 48 kD



Sample: Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-Phospho-ELk1(Ser383) (bs-10154R)
at 1/300 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 47 kD Observed band size: 49 kD

— SELECTED CITATIONS —

- **[IF=5.157]** Yubing Yu. et al. Angiogenic factor AGGF1 Blocks Neointimal Formation after Vascular Injury via Interaction with Integrin $\alpha 7$ on Vascular Smooth Muscle Cells. J Biol Chem. 2022 Feb;;101759 WB ;Mouse. 10.1016/j.jbc.2022.101759