bs-10154R **[Primary Antibody]**

phospho-ELk1 (Ser383) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2002 **SWISS:** P19419

Target: 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].

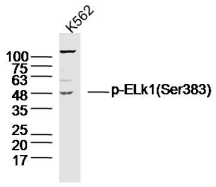
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, Horse)

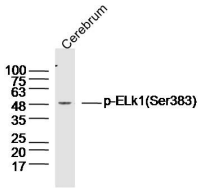
Predicted MW.: 47 kDa

Subcellular Location: Nucleus

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 α7 on Vascular Smooth Muscle Cells. J Biol Chem. 2022 Feb;:101759 WB ;Mouse. 10.1016/j.jbc.2022.101759