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35-1003: Polyclonal Antibody to Elk-1 (Phospho-Ser383)

Clonality: Polyclonal Application: WB,IHC

Human, Mouse, Rat Reactivity:

Gene: ELK1 Gene ID: 2002 **Uniprot ID:** P19419 Format: Purified

Alternative Name: ELK1, ETS-domain protein Elk-1

Rabbit IgG Isotype:

Peptide sequence around phosphorylation site of serine 383 (T-L-S(p)-P-I) derived from Human Immunogen Information:

Flk-1.

Description

Elk-1 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 reponse 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. Iternatively spliced transcript variants encoding the same protein have been found for this gene.

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 47kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

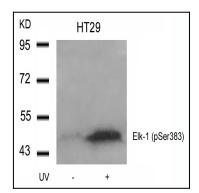


Figure 1: Western blot analysis of extracts from HT29 cells untreated or treated with UV using Elk-1(Phospho-Ser383) Antibody 35-1003.



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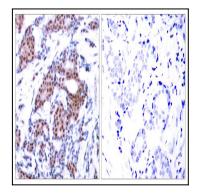


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Elk-1(Phospho-Ser383) Antibody 35-1003 (left) or the same antibody preincubated with blocking peptide(right).