

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	ELK1
<b>Gene ID :</b>	2002
<b>Uniprot ID :</b>	P19419
<b>Format :</b>	Purified
<b>Alternative Name :</b>	ELK1, ETS-domain protein Elk-1
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around phosphorylation site of serine 383 (T-L-S(p)-P-I) derived from Human Elk-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. Alternatively spliced transcript variants encoding the same protein have been found for this gene.

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

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

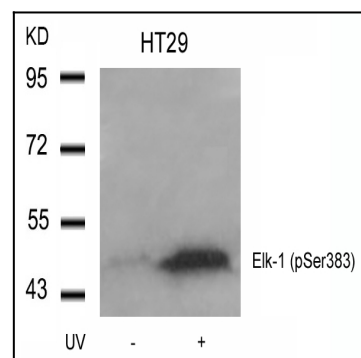


Figure 1: Western blot analysis of extracts from HT29 cells untreated or treated with UV using Elk-1(Phospho-Ser383) Antibody 35-1003 .

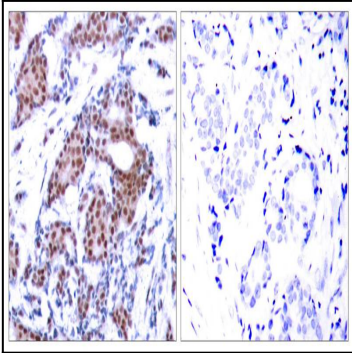


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Elk-1(Phospho-Ser383) Antibody 35-1003 (left) or the same antibody preincubated with blocking peptide(right).