ELK Biotechnology

Elk-1 (phospho Ser383) rabbit pAb

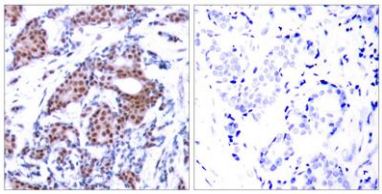
Cat No.:ES5093

For research use only

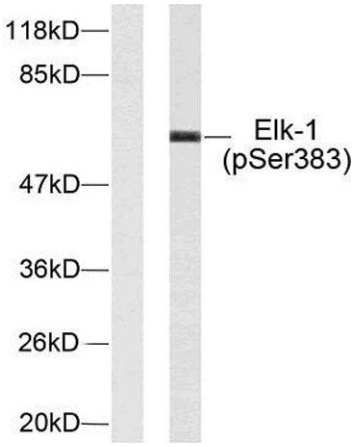
Overview

Product Name	Elk-1 (phospho Ser383) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;IP;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Elk1 around the phosphorylation site of Ser383. AA range:351-400
Specificity	Phospho-Elk-1 (S383) Polyclonal Antibody detects endogenous levels of Elk-1 protein only when phosphorylated at S383.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ETS domain-containing protein Elk-1
Gene Name	ELK1
Cellular localization	Nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	2002
Human Swiss-Prot Number	P19419
Alternative Names	ELK1; ETS domain-containing protein Elk-1
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],



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Elk1 (Phospho-Ser383) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells treated with UV, using Elk1 (Phospho-Ser383) Antibody. The lane on the left is blocked with the phospho peptide.

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C