Elk1(Phospho-Ser389) Antibody

Catalog No: #11037

Package Size: #11037-1 50ul #11037-2 100ul #11037-4 25ul

Overview

Product Name	Elk1(Phospho-Ser389) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Immunogen Type	Peptide-KLH
Target Name	Elk1
Modification	Phospho-Ser389
Alternative Names	ELK1; ETS-domain protein Elk-1;

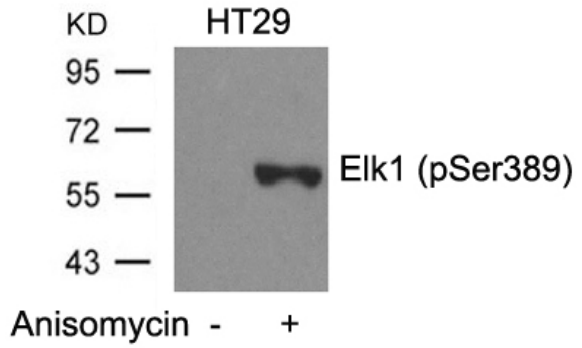
Application Details

Predicted MW: 62kd

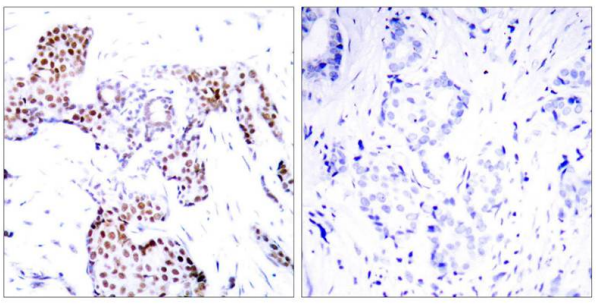
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HT29 cells untreated or treated with Anisomycin using Elk1(Phospho-Ser389) Antibody #11037.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Elk1(Phospho-Ser389) Antibody #11037(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 389 (P-R-S(p)-P-A) derived from Human Elk-1.
Specificity	The antibody detects endogenous level of Elk1 only when phosphorylated at serine 389.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P19419NCBI Protein: NP_001107595.1

Related Information

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

Janknecht R, et al. (1993) EMBO J. 12(13): 5097-5104.
Marais R, et al. (1993) Cell 73:381-393.
Kortenjann M, et al. (1994) Mol Cell Biol. 14:4815-4824.
Hill C S, et al. (1995) Cell. 80:199-211.
Cavigelli M, et al. (1995) EMBO J. 14:5957-5964.