

Elk1(Phospho-Thr417) Antibody

Catalog No: #11038

Package Size: #11038-1 50ul #11038-2 100ul #11038-4 25ul

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Description

Product Name	Elk1(Phospho-Thr417) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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 chromatography using non-phosphopeptide.
Applications	IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Elk1 only when phosphorylated at threonine 417.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 417(L-S-T(p)-P-V) derived from Human Elk1.
Target Name	Elk1
Modification	Phospho-Thr417
Other Names	ELKV
Accession No.	Swiss-Prot: P19419NCBI Gene ID: 2002NCBI mRNA: NM_001257168.1NCBI Protein: NP_001244097.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

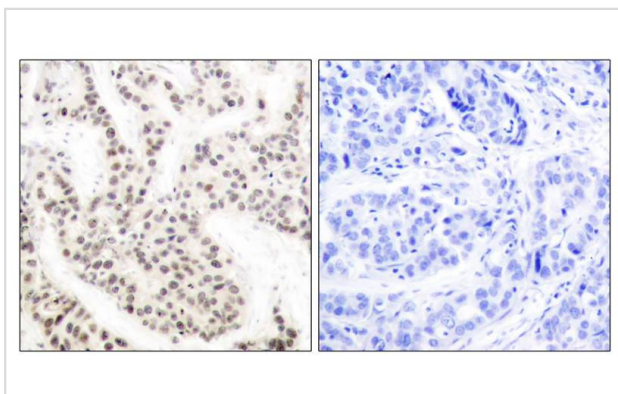
Application Details

Predicted MW: 47kd

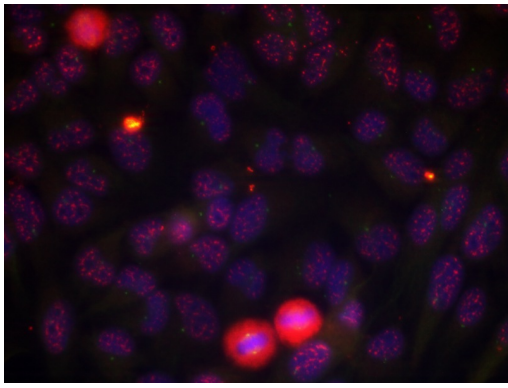
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Elk-1 (phospho-Thr417) antibody (#11038).



Immunofluorescence staining of methanol-fixed HeLa cells using Elk-1 (phospho-Thr417) antibody (#11038, Red).

Background

Stimulates transcription. Binds to purine-rich DNA sequences. Can form a ternary complex with the serum response factor and the ETS and SRF motifs of the fos serum response element.

Yang S.-H., Sharrocks A.D. *EMBO J.* 24:2161-2171(2005)

Zhang L., Yang S.H., Sharrocks A.D. *Mol. Cell. Biol.* 27:2861-2869(2007)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.