

产品名称: ELK1 Mouse Monoclonal Antibody
产品货号: AMM80566



产品概述 (Summary)

产品名称 (Production Name)	ELK1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ELK1
别名 (Alternative Names)	ELK1
基因 ID (Gene ID)	2002.0
蛋白 ID (SwissProt ID)	P19419.Purified recombinant fragment of ELK1 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	/

研究背景 (Background)

The transcription factor ELK1 is a family of member of ETS oncogene family and of the ternary complex factor (TCF) subfamily, which is located on chromosome Xp11.2 and stimulates transcription. binds to purine-rich DNA

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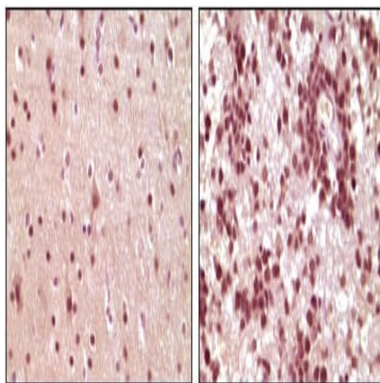


sequences. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum reponse element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade.
 Elk1 is phosphorylated by MAP kinase pathways at a cluster of S/T motifs at its C terminus,It appears to be a direct target of activated MAP kinase. Biochemical studies indicate that Elk1 is a good substrate for MAP kinase, the kinetics of Elk1phosphorylation and activation correlate with MAP kinase activity, and interfering mutants of MAP kinase block Elk1 activation in vivo. More recent studies have shown that Elk1 is also a target of the Stress Activated Kinase SAPK/JNK. Phosphorylation of Elk1 has also been implicated in synaptic plasticity in the adult hippocampus.

研究领域 (Research Area)

MAPK signaling pathway

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human brain tumor tissue, showing nuclear and cytoplasmic localization using ELK1 mouse mAb with DAB staining.

注意事项 (Note)

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