

产品名称: ATF2 Mouse Monoclonal Antibody
产品货号: AMM80947



产品概述 (Summary)

产品名称 (Production Name)	ATF2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse

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)	ATF2
别名 (Alternative Names)	HB16; CREB2; TREB7; CRE-BP1; MGC111558; ATF2
基因 ID (Gene ID)	1386.0
蛋白 ID (SwissProt ID)	P15336.Purified recombinant fragment of human ATF2 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	55kDa

研究背景 (Background)

This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. The protein forms a homodimer or heterodimer

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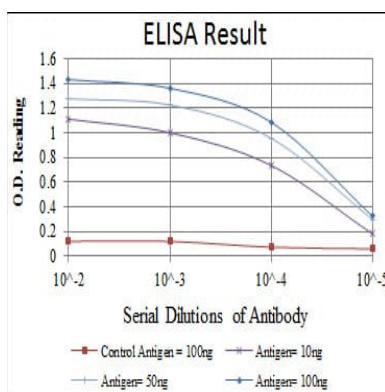


with c-Jun and stimulates CRE-dependent transcription. The protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effects on chromatin components. Additional transcript variants have been identified but their biological validity has not been determined. Tissue specificity: Abundant expression seen in the brain.

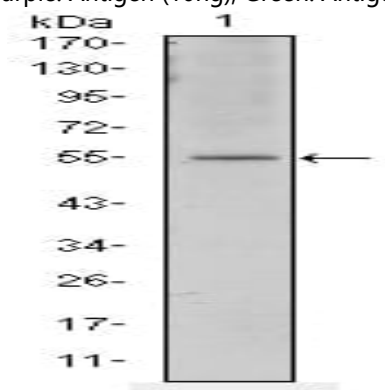
研究领域 (Research Area)

TGF-beta signaling pathway, PI3K-Akt signaling pathway, MAPK signaling pathway

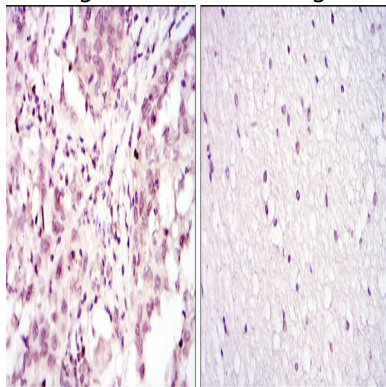
图片 (Image Data)



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Western blot analysis using ATF2 mouse mAb against NIH/3T3 cell lysate.



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Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and brain tissues (right) using ATF2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .