

产品名称: SAFB1 (2E8) Mouse Monoclonal Antibody
产品货号: AMM03459



产品概述 (Summary)

产品名称 (Production Name)	SAFB1 (2E8) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC/IF, ChIP
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)	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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SAFB SAFB; HAP; HET; SAFB1; Scaffold attachment factor B1; SAF-B; SAF-B1; HSP27
别名 (Alternative Names)	estrogen response element-TATA box-binding protein; HSP27 ERE-TATA-binding protein
基因 ID (Gene ID)	6294
蛋白 ID (SwissProt ID)	Q15424.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200, ChIP 1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 103 kDa; Observed MW: 130 kDa

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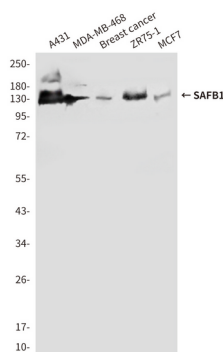
研究背景 (Background)

This gene encodes a DNA-binding protein which has high specificity for scaffold or matrix attachment region DNA elements (S/MAR DNA). This protein is thought to be involved in attaching the base of chromatin loops to the nuclear matrix but there is conflicting evidence as to whether this protein is a component of chromatin or a nuclear matrix protein. Scaffold attachment factors are a specific subset of nuclear matrix proteins (NMP) that specifically bind to S/MAR. The encoded protein is thought to serve as a molecular base to assemble a 'transcriptosome complex' in the vicinity of actively transcribed genes. It is involved in the regulation of heat shock protein 27 transcription, can act as an estrogen receptor co-repressor and is a candidate for breast tumorigenesis. This gene is arranged head-to-head with a similar gene whose product has the same functions. Multiple transcript variants encoding different isoforms have been found for this gene.

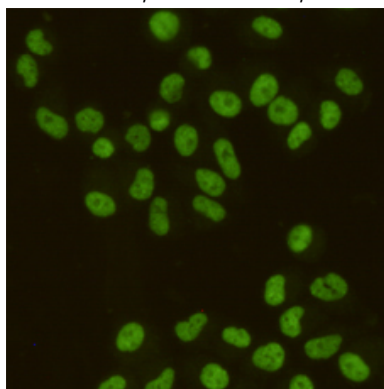
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Western blot analysis of SAFB1 in A431, MDA-MB-468, Breast cancer, ZR751 and MCF-7 lysates using SAFB1 antibody.



Immunocytochemistry analysis of SAFB1 (2E8) in HeLa using SAFB1 antibody.

注意事项 (Note)

For research use only .

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