

产品名称: B-ATF Rabbit Polyclonal Antibody
产品货号: APRab07470



产品概述 (Summary)

产品名称 (Production Name)	B-ATF Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, 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)	IgG
克隆 (Clonality)	Polyclonal
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% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BATF
别名 (Alternative Names)	BATF; Basic leucine zipper transcriptional factor ATF-like; B-cell-activating transcription factor; B-ATF; SF-HT-activated gene 2 protein; SFA-2
基因 ID (Gene ID)	10538.0
蛋白 ID (SwissProt ID)	Q16520. The antiserum was produced against synthesized peptide derived from human BATF. AA range: 10-59

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	

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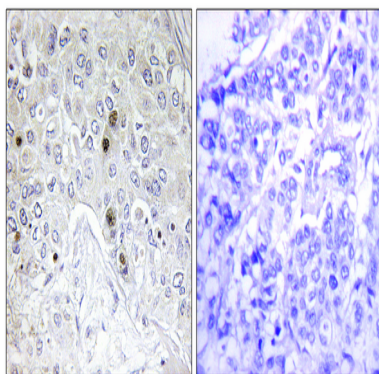


研究背景 (Background)

The protein encoded by this gene is a nuclear basic leucine zipper protein that belongs to the AP-1/ATF superfamily of transcription factors. The leucine zipper of this protein mediates dimerization with members of the Jun family of proteins. This protein is thought to be a negative regulator of AP-1/ATF transcriptional events. [provided by RefSeq, Jul 2008],function:Functions as a negative regulator of AP-1 mediated transcription by binding to Jun proteins. Jun/B-ATF heterodimers bind DNA preferentially at the 12-O-tetradecanoylphorbol-13-acetate response element (TRE) (consensus: 5'-TGA[CG]TCA-3') and weaker at the cAMP-responsive region (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), but are transcriptionally inert.,PTM:Phosphorylated.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subunit:Forms heterodimers with JUN, JUNB and JUND. Also interacts with IFI35.,tissue specificity:Expressed at highest levels in lung, and at lower levels in placenta, liver, kidney, spleen, and peripheral blood. Detected in SW480 colorectal cancer cell line and several hematopoietic tumor cell lines, including Raji Burkitt's lymphoma. Strongly expressed in mature B- and T-lymphocytes. According to PubMed:10777209 also expressed in moderate levels in lymph node and appendix and at low levels in thymus and bone marrow.,

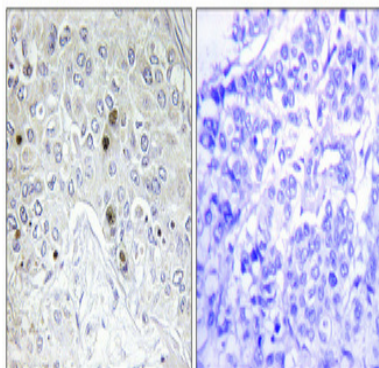
研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using BATF Antibody. The picture on the right is blocked with the synthesized peptide.

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Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) .
High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from
antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .