

# Anti-ATF2 (phospho T51 + T69) antibody ab131106

[1 References](#) [3 图像](#)

### 概述

产品名称	Anti-ATF2 (phospho T51 + T69)抗体
描述	兔多克隆抗体to ATF2 (phospho T51 + T69)
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic phosphopeptide conjugated to KLH, derived from around the phosphorylation site of Threonine 69 or 51 (D-Q-T(p)-P-T) of Human ATF2 (UniProt P15336). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
阳性对照	3T3 cell extract treated with Anisomycin; HeLa cells; Human breast carcinoma tissue
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.88% Sodium chloride  PBS is without Mg <sup>2+</sup> and Ca <sup>2+</sup>
纯度	Immunogen affinity purified
纯化说明	ab131106 was purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

克隆 多克隆  
同种型 IgG

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab131106于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500. Predicted molecular weight: 55 kDa.
IHC-P		1/50 - 1/100.
ICC/IF		1/100 - 1/200.

## 靶标

**功能** Transcriptional activator, probably constitutive, which binds to the cAMP-responsive element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Interaction with JUN redirects JUN to bind to CRES preferentially over the 12-O-tetradecanoylphorbol-13-acetate response elements (TRES) as part of an ATF2/JUN complex.

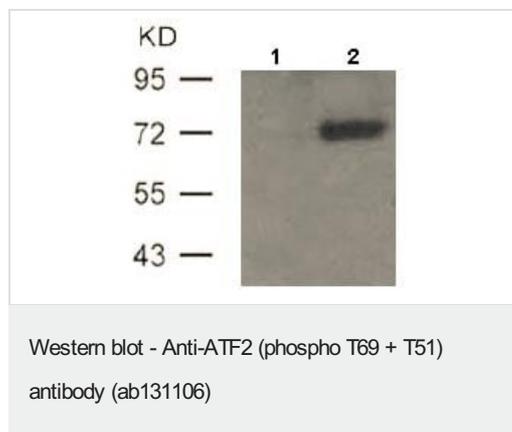
**组织特异性** Abundant expression seen in the brain.

**序列相似性** Belongs to the bZIP family. ATF subfamily.  
Contains 1 bZIP domain.  
Contains 1 C2H2-type zinc finger.

**翻译后修饰** Phosphorylation of Thr-69 and Thr-71 by MAPK14 causes increased transcriptional activity. Also phosphorylated and activated by JNK.

**细胞定位** Nucleus.

## 图片

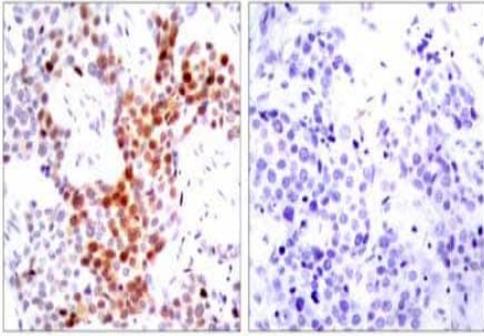


**All lanes** : Anti-ATF2 (phospho T51 + T69) antibody (ab131106) at 1/500 dilution

**Lane 1** : 3T3 cell extract untreated

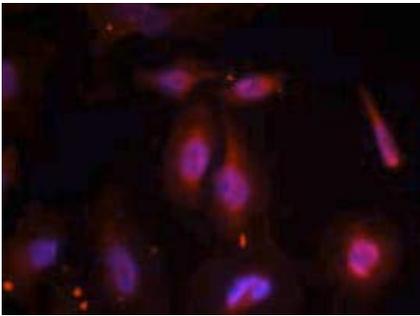
**Lane 2** : 3T3 cell extract treated with Anisomycin

**Predicted band size:** 55 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ATF2 (phospho T69 + T51) antibody (ab131106)

Immunohistochemical analysis of paraffin-embedded Human breast carcinoma tissue labelling ATF2 (phospho T69 or T51) with ab131106 at 1/50 dilution. Right panel was preincubated with blocking peptide.



Immunocytochemistry/ Immunofluorescence - Anti-ATF2 (phospho T69 + T51) antibody (ab131106)

Immunofluorescence analysis of methanol-fixed HeLa cells staining ATF2 (phospho T69 or T51) with ab131106 at 1/100 dilution.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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