

# Anti-ATF2 (phospho T71 + T53) antibody ab28812

★★★★★ [1 Abreviews](#) [1 References](#) [2 图像](#)

## 概述

产品名称	Anti-ATF2 (phospho T71 + T53)抗体
描述	兔多克隆抗体to ATF2 (phospho T71 + T53)
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human ATF2 (phospho T53 + T71).
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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p> <p>Without Mg<sup>2+</sup> and Ca<sup>2+</sup></p>
纯度	Immunogen affinity purified
纯化说明	The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆
同种型	IgG

## 应用

### The Abpromise guarantee

**Abpromise™**承诺保证使用ab28812于以下的经测试应用

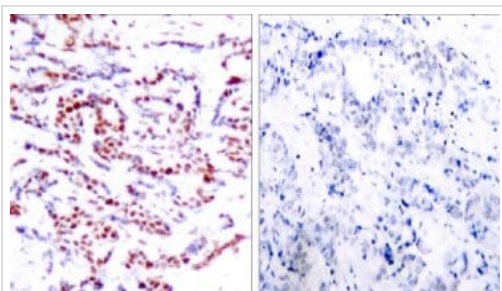
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/500 - 1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 52 kDa).
IHC-P		Use at an assay dependent concentration.

## 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

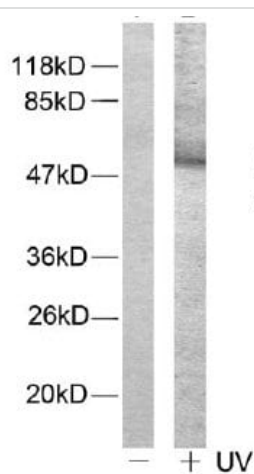


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ATF2 (phospho T71 + T53) antibody (ab28812)

Ab28812, at a dilution of 1/50, staining ATF2 in paraffin embedded human breast carcinoma tissue by Immunohistochemistry.

Left image: using the ATF2 antibody

Right image: using the same antibody preincubated with synthesized phospho peptide.



Western blot - Anti-ATF2 (phospho T71 + T53)  
antibody (ab28812)

**All lanes :** Anti-ATF2 (phospho T71 + T53) antibody (ab28812) at 1/1000 dilution

**Lane 1 :** untreated HeLa cells (5-30ug lysate).

**Lane 2 :** HeLa cells treated with UV light (5-30ug lysate).

**Predicted band size:** 52 kDa

**Observed band size:** 55 kDa

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

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