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# ATF2 Rabbit mAb

货号: **AYM28460**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50
理论分子量	13- 15kDa/23-24kDa/35-54kDa
实测分子量	70kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,NIH/3T3
细胞定位	Cytoplasm,Mitochondrion outer membrane,Nucleus
纯化	Affinity purification

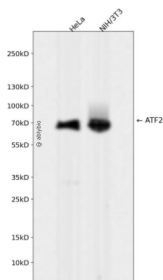
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ATF2.
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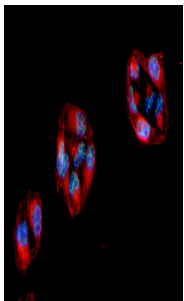
## 靶点信息

研究背景	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. It forms a homodimer or a heterodimer with c-Jun and stimulates CRE-dependent transcription. This 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. The encoded protein may also be involved in cell's DNA damage response independent of its role in transcriptional regulation. Several alternatively spliced transcript variants have been found for this gene
基因ID	1386
基因名	ATF2
Swiss	P15336 ( <a href="https://www.uniprot.org/uniprotkb/P15336/entry">https://www.uniprot.org/uniprotkb/P15336/entry</a> )
别名	ATF2,ATF 2,Atf-2,ATF2 protein,ATF2_HUMAN,cAMP Response Element Binding Protein 2,cAMP response element binding protein CRE BP1,cAMP response element-binding protein CRE-BP1,cAMP responsive element binding protein 2,formerly,cAMP-responsive element-binding protein 2,CRE-BP,CREB2,CREBP1,Cyclic AMP-dependent transcription factor ATF-2,Cyclic AMP-responsive element-binding protein 2,D130078H02Rik,D18875,HB 16,HB16,Histone acetyltransferase ATF2,mXBP,MXBP protein,Tg(Gzma-Klra1)7Wum,TREB 7,TR EB7,ATF2 Rabbit mAb

## 产品验证



Western blot analysis of ATF2 expressed in HeLa,NIH/3T3 using ATF2 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab ATF2 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-rabbit IgG(H+L) Ab(Green).The nuclear counter stain is DAPI

## 实验步骤

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