— ABLYBIO, Help Your Research

Phospho-ATF2 (T71) Rabbit mAb

货号: AYM30582

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200 **IP:** 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℃. 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

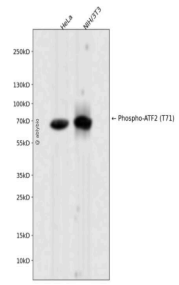
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-ATF2 (T71).

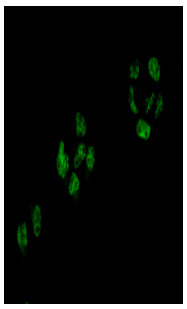
靶点信息

研究背景	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding pro teins. 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 transcriptio n. This protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 i n vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effe cts 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 (https://www.uniprot.org/uniprotkb/P15336/entry)
别名	Phospho-ATF2 (T71),ATF 2,Atf-2,Atf2,ATF2 protein,ATF2_HUMAN,cAMP Response Element Binding Protein 2,cAMP response element binding protein CRE BP1,cAMP response element-binding protein CRE-BP1,cAM P responsive element binding protein 2,formerly,cAMP-dependent transcription factor ATF-2,cAMP-respon sive element-binding protein 2,CRE BP1,CRE-BP,CREB 2,CREB-2,CREB2,CREBP1,Cyclic AMP dependent tra nscription factor ATF 2,Cyclic AMP-dependent transcription factor ATF-2,Cyclic AMP-responsive element-bi nding protein 2,D130078H02Rik,D18875,HB 16,HB16,Histone acetyltransferase ATF2,mXBP,MXBP protei n,Tg(Gzma-Klra1)7Wum,TREB 7,TREB7,Phospho-ATF2 (T71) Rabbit mAb,Activating transcription factor 2

产品验证



Western blot analysis of Phospho-ATF2 (T71) expressed in HeLa,NIH/3T3 using Phospho-ATF2 (T71) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug pe r lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunofluorescence analysis of HeLa cells labelling Phospho-ATF2 (T71) with . The cells were fixed with c old 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PB S-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in gre en) at room temprature for 1h.

实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)