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Phospho-ATF2-T71 Rabbit pAb

货号: AYP12256

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Homo sapiens
应用	WB IHC
推荐浓度	**WB:** 1:500 - 1:1000 **IHC:** 1:50 - 1:100
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 0.02% sodium azide,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

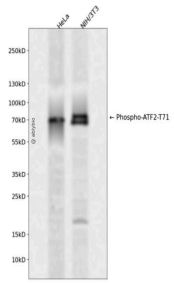
抗原信息

抗原信息	A synthetic phosphorylated peptide around T71 of human ATF2 (NP_001871.2).

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	CRE-BP1,CREB-2,CREB2,HB16,TREB7,ATF2,Phospho-ATF2-T71 Rabbit pAb,Activating transcription factor 2, Cyclic AMP-responsive element-binding protein 2,cAMP response element-binding protein CRE-BP1,CREBP 1

产品验证



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

实验步骤

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