— ABLYBIO, Help Your Research

ATF4 Rabbit mAb

货号: AYM31065

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	38kDa
实测分子量	50kDa
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
细胞定位	Cell membrane,Cytoplasm,Nucleus,centrosome,cytoskeleton,microtubule organizing center
纯化	Affinity purification

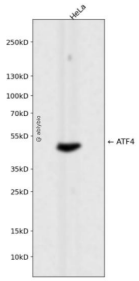
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ATF4.

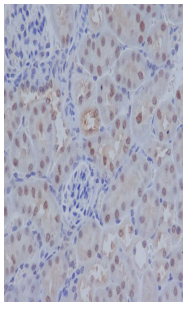
靶点信息

研究背景	This gene encodes a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encode d protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB-2). The protein encoded by this gene belongs to a family of DNA-binding proteins that includes the AP-1 famil y of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain. Two alternative tran scripts encoding the same protein have been described. Two pseudogenes are located on the X chromoso me at q28 in a region containing a large inverted duplication.
基因ID	468
基因名	ATF4
Swiss	P18848 (https://www.uniprot.org/uniprotkb/P18848/entry)
别名	ATF4,Activating transcription factor 4,ATF 4,ATF4 protein,ATF4_HUMAN,cAMP-dependent transcription fact or ATF-4,cAMP-responsive element-binding protein 2,CREB 2,CREB-2,CREB2,Cyclic AMP dependent transc ription factor ATF 4,Cyclic AMP response element binding protein 2,Cyclic AMP-dependent transcription fa ctor ATF-4,Cyclic AMP-responsive element-binding protein 2,DNA binding protein TAXREB67,DNA-binding protein TAXREB67,Tax Responsive Enhancer Element B67,Tax-responsive enhancer element-binding prote in 67,TaxREB67,TXREB,ATF4 Rabbit mAb

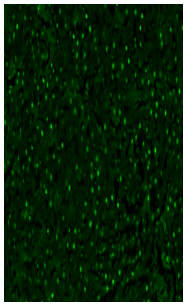
产品验证



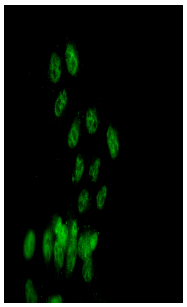
Western blot analysis of ATF4 expressed in HeLa using ATF4 Rabbit mAb at 1:1000. Secondary antibody: H RP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded mouse kidney, using ATF4 Antibody.



Rat liver was stained with anti-Glucocorticoid Receptor rabbit antibody,1:100



Immunofluorescence analysis of HeLa cells labelling ATF4 with . The cells were fixed with cold 100% meth anol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room tem prature for 1h.

实验步骤

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