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ATF-4 (YD11603) Rabbit mAb

货号: AYD15953

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF FC IP
推荐浓度	**WB: 1:1000-1：3000:** **IHC-P: 1:50-1：300:** **ICC/IF: 1:200-1:1000:** **FC: 1:50-1:100:** **IP: 1:50:**
理论分子量	39kDa
实测分子量	39KD-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	Nucleus, Nucleus speckle, Cytoplasm, Cell membrane, cytoskeleton, microtubule organizing center, centrosome
纯化	亲和纯化

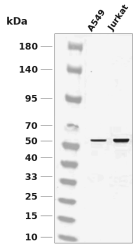
抗原信息

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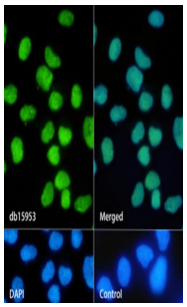
靶点信息

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	ATF-4 (YD11603),ATF-4 (YD11603) Rabbit mAb,ATF4,Activating transcription factor 4,Cyclic AMP-responsi ve element-binding protein 2,Tax-responsive enhancer element-binding protein 67,CREB2

产品验证



Western blot analysis of extracts from A549，Jurkat cells using db13419 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling ATF-4 with The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat s erum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with AYD15953(1:1000) at r oom temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Ra bbit lgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI

实验步骤

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