

产品名称: CRTC3 Mouse Monoclonal Antibody
产品货号: AMM80952



产品概述 (Summary)

产品名称 (Production Name)	CRTC3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA
种属反应性 (Reactivity)	Human,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CRTC3
别名 (Alternative Names)	TORC3; FLJ21868; CRTC3
基因 ID (Gene ID)	64784.0
蛋白 ID (SwissProt ID)	Q6UUUV7.Purified recombinant fragment of human CRTC3 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	68kDa

研究背景 (Background)

Transcriptional coactivator for CREB1 which activates transcription through both consensus and variant cAMP response element (CRE) sites. Acts as a coactivator, in the SIK/TORC signaling pathway, being active when dephosphorylated and

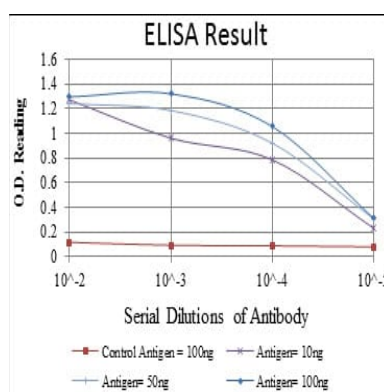
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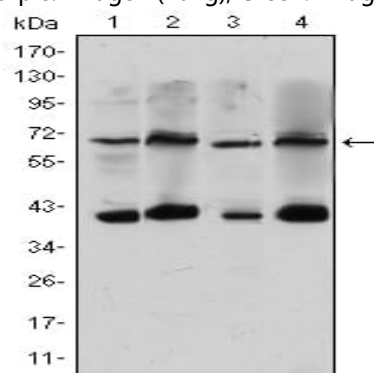
acts independently of CREB1 'Ser-133' phosphorylation. Enhances the interaction of CREB1 with TAF4. Regulates the expression of specific CREB-activated genes such as the steroidogenic gene, StAR. Potent coactivator of PPARGC1A and inducer of mitochondrial biogenesis in muscle cells. Also coactivator for TAX activation of the human T-cell leukemia virus type 1 (HTLV-1) long terminal repeats (LTR) .Tissue specificity: Predominantly expressed in B and T lymphocytes. Highest levels in lung. Also expressed in brain, colon, heart, kidney, ovary, and prostate. Weak expression in liver, pancreas, muscle, small intestine, spleen and stomach.

研究领域 (Research Area)

图片 (Image Data)

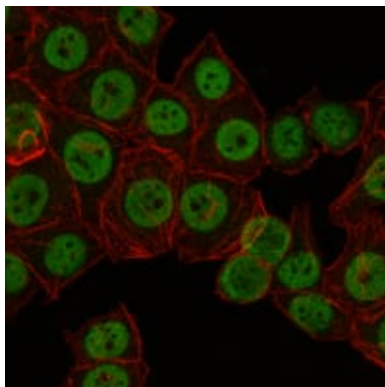


Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);

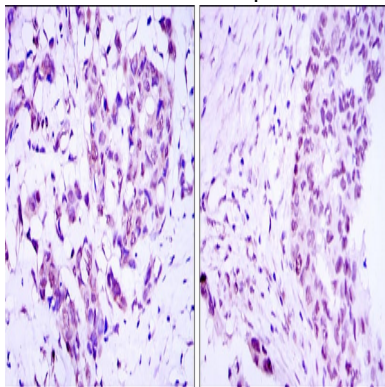


Western blot analysis using CRTC3 mouse mAb against Hela (1), Jurkat (2), Cos7 (3) and MCF-7 (4) cell lysate.

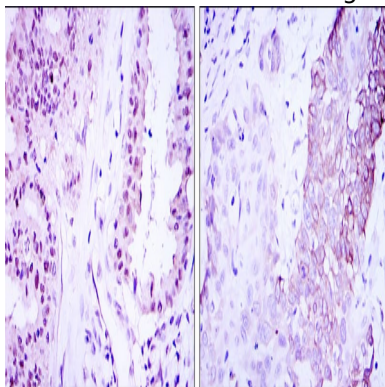
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Immunofluorescence analysis of NTERA-2 cells using CRTC3 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemical analysis of paraffin-embedded human breast cancer (left) and ovarian cancer (right) using CRTC3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and esophagus cancer (right) using CRTC3 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .