

产品名称: CRTC3 Rabbit Monoclonal Antibody
产品货号: AMRe85169



产品概述 (Summary)

产品名称 (Production Name)	CRTC3 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
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)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
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.A synthetic peptide of human CRTC3

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 67 kDa; Observed MW: 78 kDa

研究背景 (Background)

Transcriptional coactivator for CREB1 which activates transcription through both consensus and variant cAMP response

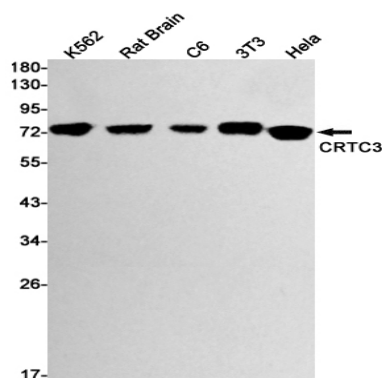
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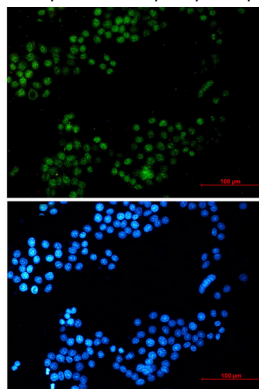
element (CRE) sites. Acts as a coactivator, in the SIK/TORC signaling pathway, being active when dephosphorylated and acts independently of CREB1 'Ser-133' phosphorylation. Enhances the interaction of CREB1 with TAF4. Regulates the expression of specific CREB-activated genes such as the steroidogenic 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)



Western blot analysis of CRTC3 in K562, rat Brain, C6, 3T3, HeLa lysates using CRTC3 antibody.



Immunocytochemistry analysis of CRTC3 (green) in HeLa using CRTC3 antibody, and DAPI (blue).

注意事项 (Note)

For research use only.