

产品名称: CREB3 Rabbit Polyclonal Antibody
产品货号: AP Rab09378



产品概述 (Summary)

产品名称 (Production Name)	CREB3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
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)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CREB3 Cyclic AMP-responsive element-binding protein 3 (CREB-3) (cAMP-responsive element-binding protein 3) (Leucin zipper protein) (Luman) (Transcription factor LZIP-alpha) [Cleaved into: Processed cyclic AMP-responsive element-binding protein 3 (N-terminal Luman) (Transcriptionally active form)]
别名 (Alternative Names)	
基因 ID (Gene ID)	10488.0
蛋白 ID (SwissProt ID)	O43889.The antiserum was produced against synthesized peptide derived from the Internal region of human CREB3. AA range:151-200

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
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蛋白分子量 (Molecular Weight) 50kDa

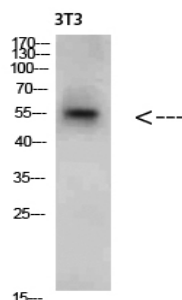
研究背景 (Background)

This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-response element and regulates cell proliferation. The protein interacts with host cell factor C1, which also associates with the herpes simplex virus (HSV) protein VP16 that induces transcription of HSV immediate-early genes. This protein and VP16 both bind to the same site on host cell factor C1. It is thought that the interaction between this protein and host cell factor C1 plays a role in the establishment of latency during HSV infection. This protein also plays a role in leukocyte migration, tumor suppression, and endoplasmic reticulum stress-associated protein degradation. Additional transcript variants have been identified, but their biological validity has not been determined.[provided by RefSeq, Nov 2009],function:Transcription factors activated upon intramembrane proteolysis (RIP), binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AG][AG]-3'), a sequence present in many viral and cellular promoters. Binds to and requires HCFC1 as a coactivator. Activity and expression are suppressed when the HCFC1-CREB3 complex binds with CREBZF. Participates in LKN-1/CCL15-induced chemotaxis signaling.,PTM:During activation, an approximative 40 kDa fragment containing the cytoplasmic transcription factor domain is released by proteolysis. The cleavage is probably performed sequentially by site-1 and site-2 proteases.,PTM:N-glycosylated.,similarity:Belongs to the bZIP family. ATF subfamily.,similarity:Contains 1 bZIP domain.,subcellular location:Under activation the cleaved N-terminal cytoplasmic domain translocates into the nucleus.,subunit:Interacts with CCR1. Interacts with HCFC1; required to activate it. Binds with CREBZF only when in combination with HCFC1. Interacts with HCV core protein.,tissue specificity:Ubiquitous.,

研究领域 (Research Area)

Melanogenesis;Huntington's disease;Prostate cancer;

图片 (Image Data)



Western Blot analysis of 3T3 cells using CREB3 Polyclonal Antibody diluted at 1:2000. Secondary antibody was diluted at 1:20000

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注意事项 (Note)

For research use only .