

CRTC1 Rabbit pAb

货号: **AYP15413**

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:200 - 1:2000
理论分子量	62kDa/67kDa/68kDa
实测分子量	80kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

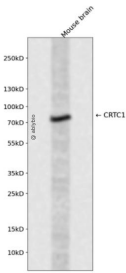
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human CRTC1 (NP_056136.2).
序列	MATSNPRKFSEKIALHNQKQAEETAAFEVMDLSLTRAARLQLQKSQYLQLGPSRGQYYGGSLPNVNQIGSGTMDLPP QTPFQSSGLDTSRTTRHHGLVDRVYRERGLGSPHRRPLSVDKHGRQADSCPYGTMYLSPPADTSWRRRTNSDSALHQS TMTPTQPESFSSGSQDVHQKRVLLLTVPMEETTSEADKNLS

靶点信息

研究背景	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 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 PGC1alpha and inducer of mitochondrial biogenesis in muscle cells. In the hippocampus, involved in late-phase long-term potentiation (L-LTP maintenance at the Schaffer collateral-CA1 synapses. May be required for dendritic growth of developing cortical neurons (By similarity). In concert with SIK1, regulates the light-induced entrainment of the circadian clock. In response to light stimulus, coactivates the CREB-mediated transcription of PER1 which plays an important role in the photic entrainment of the circadian clock.
基因ID	23373
基因名	CRTC1
Swiss	Q6UUV9
别名	CRTC1;MECT1;TORC-1;TORC1;WAMTP1

产品验证



Western blot analysis of CRTC1 expressed in Mouse brain using CRTC1 Rabbit pAb at 1:1000. Secondary antibody: HRP 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.

实验步骤

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