

小鼠抗 CRTC1 单克隆抗体

中文名称： 小鼠抗 CRTC1 单克隆抗体

英文名称： Anti-CRTC1 mouse monoclonal antibody

别名： CREB regulated transcription coactivator 1; MECT1; TORC1; TORC-1; WAMTP1

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： CRTC1

反应种属： Human

标记物： Unconjugate

克隆类型： Mouse Monoclonal

技术规格

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 acts independently of CREB1 'Ser-133' phosphorylation. Enhances the interaction of CREB 1 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. Also coactivator for TAX activation of the human T-cell leukemia virus type

	1 (HTLV-1) long terminal repeats (LTR). 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.
Applications:	WB, FC, IF, IP
Name of antibody:	CRTC1
Immunogen:	Fusion protein of human CRTC1
Full name:	CREB regulated transcription coactivator 1
Synonyms:	MECT1; TORC1; TORC-1; WAMTP1
SwissProt:	Q6UUU9
WB Predicted band size:	67 kDa
WB Positive control:	Hela and Jurkat cell lysates
WB Recommended dilution:	1000-5000
IF positive control:	Hela cells
IF Recommend dilution:	150-300
FC Recommend dilution:	50-100





