

## 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.

	es. 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.
<b>Applications:</b>	WB, FC, IF, IP
<b>Name of antibody:</b>	CRTC1
<b>Immunogen:</b>	Fusion protein of human CRTC1
<b>Full name:</b>	CREB regulated transcription coactivator 1
<b>Synonyms:</b>	MECT1; TORC1; TORC-1; WAMTP1
<b>SwissProt:</b>	Q6UUV9
<b>WB Predicted band size:</b>	67 kDa
<b>WB Positive control:</b>	Hela and Jurkat cell lysates
<b>WB Recommended dilution:</b>	1000-5000
<b>IF positive control:</b>	Hela cells
<b>IF Recommend dilution:</b>	150-300
<b>FC Recommend dilution:</b>	50-100



