

CRTC2 Antibody (N-term)

Catalog_no :	AB1330
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:94-123
Specificity :	This CRTC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94-123 amino acids from the N-terminal region of human CRTC2.
Dilution :	WB,1:1000;IHC-P,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	CREB-regulated transcription coactivator 2, Transducer of regulated cAMP response element-binding protein 2, TORC-2, Transducer of CREB protein 2, CRTC2, TORC2
Isotype :	Rabbit Ig
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 CREB1 with TAF4. Regulates gluconeogenesis as a component of the LKB1/AMPK/TORC2 signaling pathway. Regulates the expression of specific 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).
reference :	Nakatsu, Y., et al. J. Biol. Chem. 285(43):33018-33027(2010) Kaizuka, T., et al. J. Biol. Chem. 285(26):20109-20116(2010) Lyo, D., et al. Biochem. Biophys. Res. Commun. 396(2):562-565(2010) Lu, M., et al. J. Am. Soc. Nephrol. 21(5):811-818(2010) Roul