



Anti-CRTC2 (aa 83-96) polyclonal antibody (DPABH-03150)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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).
Immunogen	Synthetic peptide: EFQSPLHSPLDSSR by a Cysteine residue linker, corresponding to internal sequence amino acids 83-96 of Human Torc2 (NP_859066.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	200 µl
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	CRTC2 CREB regulated transcription coactivator 3 [Homo sapiens]
Official Symbol	CRTC2
Synonyms	CRTC2; CREB regulated transcription coactivator 2; TORC2; TORC-2; CREB-regulated transcription coactivator 2; transducer of regulated cAMP response element-binding protein (CREB) 2;
Entrez Gene ID	200186
Protein Refseq	NP_859066.1
UniProt ID	Q53ET0
Pathway	AMPK signaling; HTLV-I infection; PI3K-Akt signaling pathway;
Function	cAMP response element binding protein binding; protein binding;