



## 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

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

**Storage**

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

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## GENE INFORMATION

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