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anti-CRTC2 antibody (AA 180-372) (HRP)



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Quantity:	100 μg
Target:	CRTC2
Binding Specificity:	AA 180-372
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRTC2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human CREB-regulated transcription coactivator 2 protein (180-372AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	CRTC2
Alternative Name:	CRTC2 (CRTC2 Products)
Background:	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). Aliases: CREB regulated transcription coactivator 2 antibody, CREB-regulated transcription coactivator 2 antibody, RP11-422P24.6 antibody, TORC-2 antibody, torc2 antibody, Transducer of CREB protein 2 antibody, Transducer of regulated cAMP response element-binding protein (CREB) 2 antibody, Transducer of regulated cAMP response element-binding protein 2 antibody, Transducer of regulated CREB protein 2 antibody

UniProt:

Q53ET0

Pathways:

AMPK Signaling, Carbohydrate Homeostasis

Application Details

Application Notes:

Optimal working dilution should be determined by the investigator.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.