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Datasheet for ABIN7148681

**anti-CRTC2 antibody (AA 180-372) (FITC)**

## Overview

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

## 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 ( <a href="#">CRTC2 Products</a> )
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

## Target Details

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, CRTC2 antibody, CRTC2\_HUMAN antibody, RP11-422P24.6 antibody, TORC-2 antibody, torc2 antibody, Transducer of CREB protein 2 antibody, Transducer of regulated cAMP response element-binding protein 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

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.