

Datasheet for ABIN7266519
anti-CRTC2 antibody (AA 434-693)



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Overview

Quantity:	100 µL
Target:	CRTC2
Binding Specificity:	AA 434-693
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRTC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	CRTC2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 434-693 of human CRTC2 (NP_859066.1).
Sequence:	PLSLLAGPAD ARRSQQQLPK QFSPTMSPTL SSITQGVPLD TSKLSTDQRL PPYPYSSPSL VLPTQPHTPK SLQQPGLPSQ SCSVQSSGGQ PPGRQSHYGT PYPPGPSGHG QQSYHRPMSD FNLGNLEQFS MESPSASLVL DPPGFSEGGP FLGGEGPMGG PQDPHTFNHQ NLTHCSRHGS GPNIILTGDS SPGFSKEIAA ALAGVPGFEV SAAGLELGLG LEDELMEPL GLEGLNMLSD PCALLPDAV EESFRSDRLQ
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: CRTC2

Alternative Name: CRTC2 ([CRTC2 Products](#))

Background: This gene encodes a member of the transducers of regulated cAMP response element-binding protein activity family of transcription coactivators. These proteins promote the transcription of genes targeted by the cAMP response element-binding protein, and therefore play an important role in many cellular processes. Under basal conditions the encoded protein is phosphorylated by AMP-activated protein kinase or the salt-inducible kinases and is sequestered in the cytoplasm. Upon activation by elevated cAMP or calcium, the encoded protein translocates to the nucleus and increases target gene expression. Single nucleotide polymorphisms in this gene may increase the risk of type 2 diabetes. A pseudogene of this gene is located on the long arm of chromosome 5.,CRTC2,TORC-2,TORC2,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,Nuclear hormone receptors,Cancer,Signal Transduction,Endocrine & Metabolism,AMPK Signaling Pathway,Neuroscience,CRTC2

Molecular Weight: 73kDa

Gene ID: 200186

UniProt: [Q53ET0](#)

Pathways: [AMPK Signaling](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.