

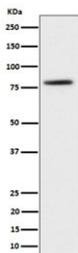
## CRTC2 Antibody / TORC2 [clone 28C77] (RQ8553)

Catalog No.	Formulation	Size
RQ8553	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ug

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

<b>Availability</b>	1-3 days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	28C77
<b>Purity</b>	Affinity chromatography
<b>UniProt</b>	Q53ET0
<b>Applications</b>	Western Blot : 1:500-1:2000
<b>Limitations</b>	This CRTC2 antibody is available for research use only.



Western blot testing of human 293T cell lysate with CRTC2 antibody. Predicted molecular weight ~73 kDa.

### Description

CRTC2 is a 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. [UniProt]

## **Application Notes**

Optimal dilution of the CRTC2 antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide from human CREB-regulated transcription coactivator 2 protein was used as the immunogen for the CRTC2 antibody.

## **Storage**

Store the CRTC2 antibody at -20oC.