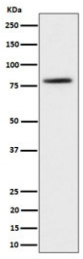
CRTC2 Antibody / TORC2 [clone 28C77] (RQ8553)

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

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	28C77
Purity	Affinity chromatography
UniProt	Q53ET0
Applications	Western blot: 1:500-1:2000
Limitations	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.

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