

## CRTC3 Rabbit mAb

Catalog No: #52053

Package Size: #52053-1 50ul #52053-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

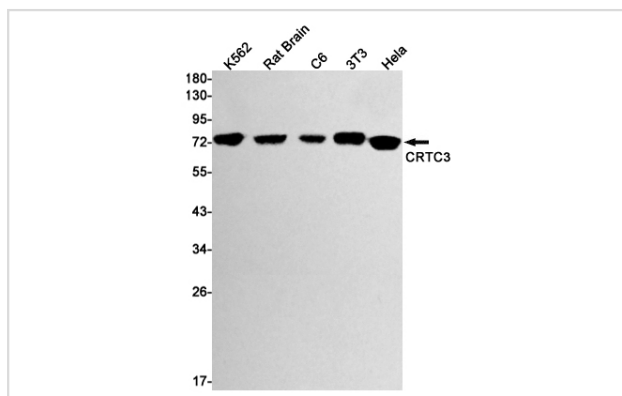
## Description

Product Name	CRTC3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-4C9
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human CRTC3
Conjugates	Unconjugated
Modification	Unmodification
Other Names	TORC3; FLJ21868; CRTC3
Accession No.	Swiss-Prot:Q6UUUV7GeneID:64784
Uniprot	Q6UUUV7
GeneID	64784
Calculated MW	Calculated MW: 67 kDa; Observed MW: 78 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/2000;

## Images



Western blot detection of CRTC3 in K562,Rat Brain,C6,3T3,Hela cell lysates using CRTC3 Rabbit mAb(1:1000 diluted).Predicted band size:67kDa.Observed band size:78kDa.

## Background

---

Swiss-Prot Acc.Q6UUV7. 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 the expression of specific CREB-activated 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).

---

Note: This product is for in vitro research use only