

## CRTC3 Rabbit mAb

Catalog No: #60090

Package Size: #60090-1 50ul #60090-2 100ul

## Description

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| Product Name          | CRTC3 Rabbit mAb                                                                                   |
| Host Species          | Rabbit                                                                                             |
| Clonality             | Monoclonal                                                                                         |
| Isotype               | Rabbit IgG                                                                                         |
| Purification          | Affinity-chromatography                                                                            |
| Applications          | WB IHC ICC/IF                                                                                      |
| Species Reactivity    | Human Mouse Rat                                                                                    |
| Specificity           | CRTC3 Antibody detects endogenous levels of total CRTC3                                            |
| Immunogen Description | A synthesized peptide derived from human CRTC3                                                     |
| Other Names           | CRTC3; TORC3;                                                                                      |
| Accession No.         | Uniprot:Q6UUV7                                                                                     |
| Calculated MW         | Predicted band size: 67 kDa                                                                        |
| SDS-PAGE MW           | Observed band size: 75 kDa                                                                         |
| Formulation           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                     |

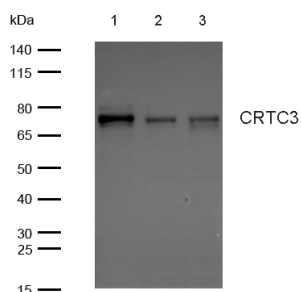
## Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

## Images



All lanes: CRTC3 Rabbit mAb at 1/1k dilution

Lane 1 : 293 whole cell lysates Lane 2 : 3T3 whole cell lysates

Lane 3 : C6 whole cell lysates

Lysates/proteins at 20 µg per lane.

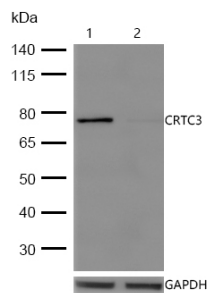
Secondary

All lanes : Goat Anti-Rabbit IgG H&amp;L (HRP) at 1/20000 dilution

Predicted band size: 67 kDa

Observed band size: 75 kDa

Exposure time: 9 seconds

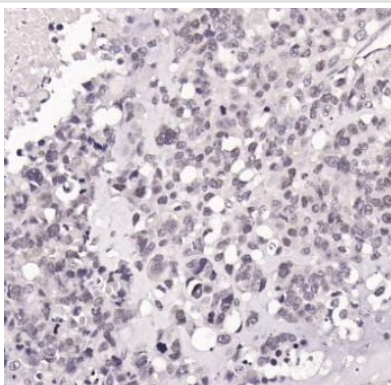


All lanes: CRTC3 Rabbit mAb at 1/1k dilution

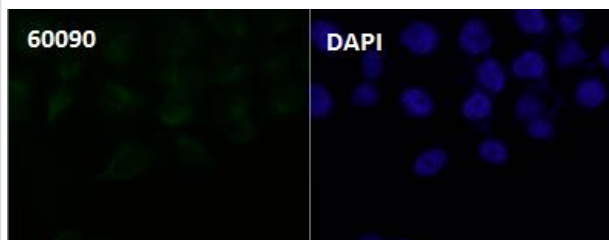
Lane 1 : Wild-type HT-1080 cell lysate

Lane 2 : CRTC3 Rabbit mAb knockdown HT-1080 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung tissue stained for CRTC3 using 60090 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence CRTC3 antibody (60090) ICC/IF staining of CRTC3 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 60090 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

## Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.