

Datasheet for ABIN390298  
**anti-RCAN1 antibody (C-Term)**[Go to Product page](#)

1 Image

8 Publications

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 400 µL                               |
| Target:              | RCAN1                                |
| Binding Specificity: | AA 222-252, C-Term                   |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This RCAN1 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | This RCAN1/DSCR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 222-252 amino acids from the C-terminal region of human DSCR1. |
| Clone:                | RB4671   |
| Isotype:              | Ig Fraction  |
| Predicted Reactivity: | B, Ha, M, Rat, Sh  |
| Purification:         | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.  |

## Target Details

|         |       |
|---------|-------|
| Target: | RCAN1 |
|---------|-------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | DSCR1 ( <a href="#">RCAN1 Products</a> )  |
| Background:       | DSCR1 interacts with calcineurin A and inhibits calcineurin-dependent signaling pathways, possibly affecting central nervous system development. The gene for this protein is located in the minimal candidate region for the Down syndrome phenotype, and is overexpressed in the brain of Down syndrome fetuses. Chronic overexpression of DSCR1 may lead to neurofibrillary tangles such as those associated with Alzheimer disease. |
| Molecular Weight: | 28079   |
| Gene ID:          | 1827  |
| NCBI Accession:   | <a href="#">NP_004405</a> , <a href="#">NP_981962</a> , <a href="#">NP_981963</a>   |
| UniProt:          | <a href="#">P53805</a>  |
| Pathways:         | <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a>   |

## Application Details

|                    |                        |
|--------------------|------------------------|
| Application Notes: | WB: 1:1000. WB: 1:1000 |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                     |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date:       | 6 months   |

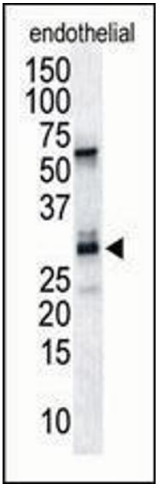
## Publications

|                   |  |
|-------------------|--|
| Product cited in: | Humbert, Navaratnam, Augert, Da Costa, Martien, Wang, Martinez, Abbadie, Carling, de Launoit, Gil, Bernard: "Regulation of ploidy and senescence by the AMPK-related kinase NUAK1." in: <b>The</b> |
|-------------------|--|

**EMBO journal**, Vol. 29, Issue 2, pp. 376-86, (2010) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

Images



**Western Blotting**

**Image 1.** The anti-DSCR1 Pab (ABIN390298 and ABIN2837935) is used in Western blot to detect RCAN1/DSCR1 in endothelial tissue lysate.