



Datasheet for ABIN652191  
**anti-RCAN2 antibody (N-Term)**



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4 Images

1 Publication

### Overview

Quantity:	400 µL
Target:	RCAN2
Binding Specificity:	AA 6-37, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RCAN2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This DSCR1L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-37 amino acids from the N-terminal region of human DSCR1L1.
Clone:	RB02309
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	RCAN2
Alternative Name:	DSCR1L1 ( <a href="#">RCAN2 Products</a> )

## Target Details

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**Background:** DSCR1L1 inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. This protein may play a role during central nervous system development. Expression is detected in fibroblasts, heart, brain, liver, and skeletal muscle but not in placenta, lung, kidney and pancreas. Expression of both transcripts is upregulated by physiologic concentrations of the thyroid hormone triiodothyroxine.

**Molecular Weight:** 21997

**Gene ID:** 10231

**NCBI Accession:** [NP\\_001238902](#), [NP\\_001238903](#), [NP\\_005813](#)

**UniProt:** [Q14206](#)

## Application Details

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**Application Notes:** WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50

**Restrictions:** For Research Use only

## Handling

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**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

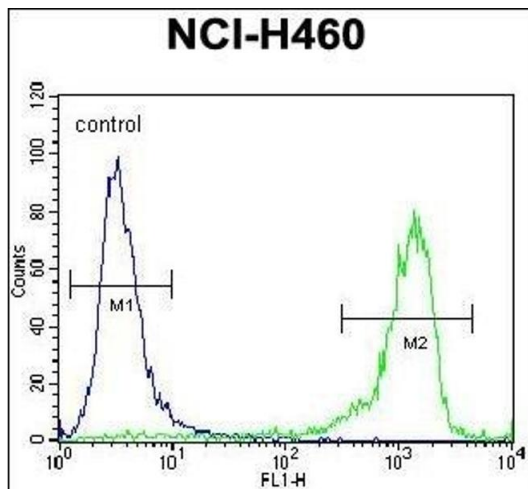
**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months

## Publications

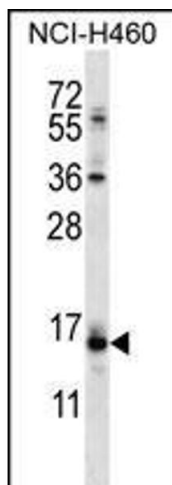
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**Product cited in:** Huang, Zhan, Cao, Li, Lyu, Guo, Zhang, Ji, Ren, An, Liu, Nie, Xing: "Increased mitochondrial fission promotes autophagy and hepatocellular carcinoma cell survival through the ROS-modulated coordinated regulation of the NFKB and TP53 pathways." in: **Autophagy**, Vol. 12, Issue 6, pp. 999-1014, (2017) ([PubMed](#)).



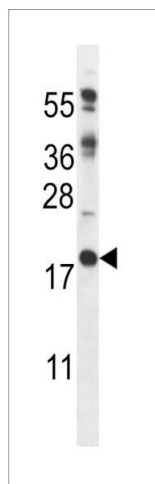
### Flow Cytometry

**Image 1.** DSCR1L1 Antibody (N-term) (ABIN652191 and ABIN2840735) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** DSCR1L1 Antibody (Q21) (ABIN652191 and ABIN2840735) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the DSCR1L1 antibody detected the DSCR1L1 protein (arrow).



### Western Blotting

**Image 3.** DSCR1L1 Antibody (Q21) (ABIN652191 and ABIN2840735) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the DSCR1L1 antibody detected the DSCR1L1 protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652191.