

**DSCR1L1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6316b****Specification**

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**DSCR1L1 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [Q14206](#)

**DSCR1L1 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 10231

**Other Names**

Calcipressin-2, Down syndrome candidate region 1-like 1, Myocyte-enriched calcineurin-interacting protein 2, MCIP2, Regulator of calcineurin 2, Thyroid hormone-responsive protein ZAKI-4, RCAN2, DSCR1L1, ZAKI4

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6316b](/product/products/AP6316b) was selected from the N-term region of human DSCR1L1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DSCR1L1 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** RCAN2

**Synonyms** DSCR1L1, ZAKI4

**Function**

Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development.

**Tissue Location**

Expressed in fibroblasts, heart, brain, liver, and skeletal muscle but not in placenta, lung, kidney and pancreas

## **DSCR1L1 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **DSCR1L1 Antibody (N-term) Blocking Peptide - Images**

## **DSCR1L1 Antibody (N-term) Blocking Peptide - 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.

## **DSCR1L1 Antibody (N-term) Blocking Peptide - References**

Rothermel, B., et al., J. Biol. Chem. 275(12):8719-8725 (2000).Fuentes, J.J., et al., Hum. Mol. Genet. 9(11):1681-1690 (2000).Strippoli, P., et al., Genomics 64(3):252-263 (2000).Miyazaki, T., et al., J. Biol. Chem. 271(24):14567-14571 (1996).Cao, X., et al., Biochem. J. 367 (PT 2), 459-466 (2002) ().