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DSCR1L1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6316a

Specification

DSCR1L1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q14206

DSCR1L1 Antibody (Center) 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 AP6316a was selected from the Center 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 (Center) 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

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DSCR1L1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

DSCR1L1 Antibody (Center) Blocking Peptide - Images

DSCR1L1 Antibody (Center) 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 (Center) 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) ():().