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RCAN3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14397b

Specification

RCAN3 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9UKA8
Other Accession	NP_038469.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**27492**
Antigen Region	**194-222**

RCAN3 Antibody (C-term) - Additional Information

Gene ID 11123

Other Names
Calcipressin-3, Down syndrome candidate region 1-like protein 2, Myocyte-enriched calcineurin-interacting protein 3, MCIP3, Regulator of calcineurin 3, RCAN3, DSCR1L2

Target/Specificity
This RCAN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-222 amino acids from the C-terminal region of human RCAN3.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

Precautions
RCAN3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RCAN3 Antibody (C-term) - Protein Information

Name RCAN3

Synonyms DSCR1L2

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

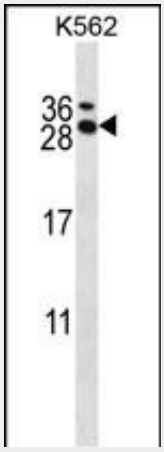
Tissue Location
Highest expression in heart, skeletal muscle kidney, liver and peripheral blood leukocytes. Lower expression in all other tissues

RCAN3 Antibody (C-term) - Protocols

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

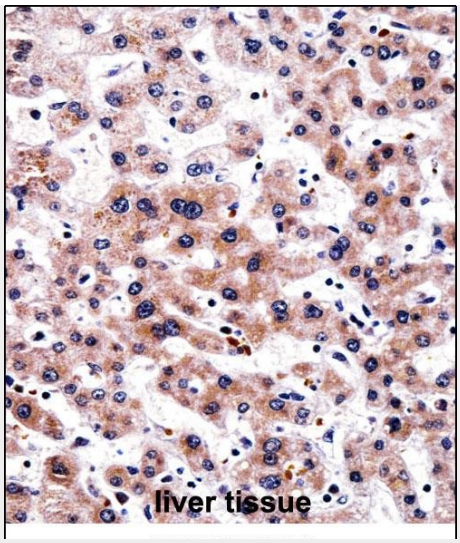
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RCAN3 Antibody (C-term) - Images



RCAN3 Antibody (C-term) (Cat. #AP14397b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the RCAN3 antibody detected the RCAN3 protein (arrow).

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RCAN3 Antibody (C-term) (AP14397b)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RCAN3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

RCAN3 Antibody (C-term) - Background

RCAN3 inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development (By similarity).

RCAN3 Antibody (C-term) - References

Sales, K.J., et al. Biochim. Biophys. Acta 1793(12):1917-1928(2009)
Enjuanes, A., et al. Cancer Res. 68(24):10178-10186(2008)
Facchin, F., et al. Gene 407 (1-2), 159-168 (2008) :
Mulero, M.C., et al. Biochim. Biophys. Acta 1773(3):330-341(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)