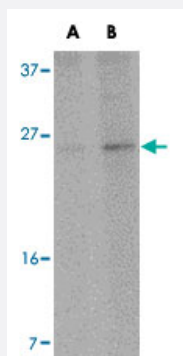


RCAN2 polyclonal antibody

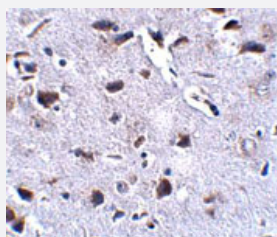
Catalog # PAB16706 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of RCAN2 in NIH/3T3 cell lysate with RCAN2 polyclonal antibody (Cat # PAB16706) at (A) 1 and (B) 2 ug/mL .



Immunohistochemistry

Immunohistochemical staining of mouse brain tissue with 2.5 ug/mL RCAN2 polyclonal antibody (Cat # PAB16706).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RCAN2.
Immunogen	A synthetic peptide corresponding to internal region 14 amino acids of human RCAN2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of RCAN2 in NIH/3T3 cell lysate with RCAN2 polyclonal antibody (Cat # PAB16706) at (A) 1 and (B) 2 ug/mL .

- Immunohistochemistry

Immunohistochemical staining of mouse brain tissue with 2.5 ug/mL RCAN2 polyclonal antibody (Cat # PAB16706).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RCAN2

Entrez GeneID	10231
Protein Accession#	AAH62141 (Mouse)
Gene Name	RCAN2
Gene Alias	CSP2, DSCR1L1, MCIP2, RCN2, ZAKI-4, ZAK4, hRCN2
Gene Description	regulator of calcineurin 2
Omim ID	604876
Gene Ontology	Hyperlink
Other Designations	Calciressin 2 (Thyroid hormone-responsive protein ZAKI-4) (Down syndrome candidate region 1-like 1) (Myocyte-enriched calcineurin interacting protein 2) (MCIP2) Down syndrome candidate region 1-like 1 Down syndrome critical region gene 1-like 1 Down synd

Publication Reference

- [Novel human ZAKI-4 isoforms: hormonal and tissue-specific regulation and function as calcineurin inhibitors.](#)

Cao X, Kambe F, Miyazaki T, Sarkar D, Ohmori S, Seo H.

The Biochemical Journal 2002 Oct; 367(Pt 2):459.

Application: IP, Human, Skin fibroblasts

- [DSCR1, overexpressed in Down syndrome, is an inhibitor of calcineurin-mediated signaling pathways.](#)

Fuentes JJ, Genesca L, Kingsbury TJ, Cunningham KW, Perez-Riba M, Estivill X, de la Luna S.

Human Molecular Genetics 2000 Jul; 9(11):1681.

- [A protein encoded within the Down syndrome critical region is enriched in striated muscles and inhibits calcineurin signaling.](#)

Rothermel B, Vega RB, Yang J, Wu H, Bassel-Duby R, Williams RS.

The Journal of Biological Chemistry 2000 Mar; 275(12):8719.

Disease

- [Tobacco Use Disorder](#)