

DNAxPAb

Hard-to-Find
Antibody

RCAN1 DNAxPAb

Catalog # H00001827-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RCAN1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEEVDLRDLPSATIACHLDPRVFVDGLCRAKFESLFRTYDKDITFQYFKSFKRVRINFSPFSAAD ARLQLHKTEFLGKEMKLYFAQTLHIGSSHLAPPNPDQFLISPPASPPVGWKQVEDATPVINYDLL YAISKLGPGEKYELHAATDTTPSVVVHVCESDQEKEEEEEEMERMRRPKPKIIQTRRPEYTIHLS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — RCAN1

Entrez GeneID [1827](#)

GeneBank Accession# [BC002864](#)

Protein Accession# [AAH02864](#)

Gene Name RCAN1

Gene Alias ADAPT78, CSP1, DSC1, DSCR1, MCIP1, RCN1

Gene Description regulator of calcineurin 1

Omim ID [602917](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene interacts with calcineurin A and inhibits calcineurin-dependent signaling pathways, possibly affecting central nervous system development. This gene is located in the minimal candidate region for the Down syndrome phenotype, and is overexpressed in the brain of Down syndrome fetuses. Chronic overexpression of this gene may lead to neurofibrillary tangles such as those associated with Alzheimer disease. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq]

Other Designations Down syndrome candidate region 1|Down syndrome critical region gene 1|calciopressin 1|calcium and oxidant-inducible mRNA|modulatory calcineurin-interacting protein 1|myocyte-enriched calcineurin-interacting protein 1|near DSCR proline-rich protein

Disease

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- [Genetic Predisposition to Disease](#)
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