

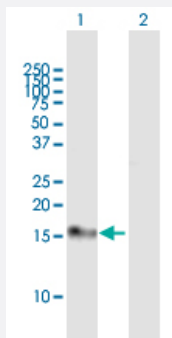
MaxPab®

DSCR1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001827-B01P

Size 50 ug

Applications

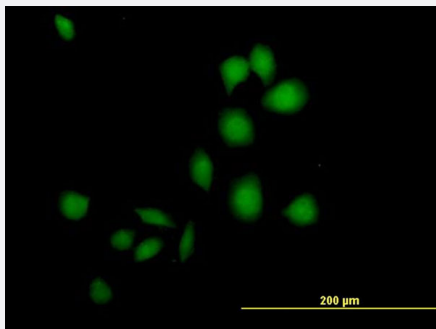


Western Blot (Transfected lysate)

Western Blot analysis of RCAN1 expression in transfected 293T cell line ([H00001827-T01](#)) by RCAN1 MaxPab polyclonal antibody.

Lane 1: DSCR1 transfected lysate(12.87 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DSCR1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DSCR1 protein.
Immunogen	DSCR1 (NP_981962.1, 1 a.a. ~ 117 a.a) full-length human protein.
Sequence	MKLYFAQTLHIGSSHLAPPNDKQFLISPPASPPVGWKQVEDATPVINYDLLYAISKLGPGKEYELH AATDTTPSVVVHVCESDQEKEEEEEEMERMRRPKPKIIQTRRPEYTPIHLS
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DSCR1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RCAN1

Entrez GeneID
[1827](#)
GeneBank Accession#
[NM_203417.1](#)
Protein Accession#
[NP_981962.1](#)
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

- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)