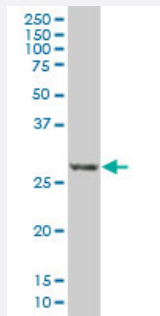


DSCR1 monoclonal antibody (M01A), clone 1G7

Catalog # H00001827-M01A

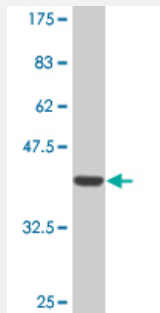
Size 200 uL

Applications



Western Blot (Cell lysate)

DSCR1 monoclonal antibody (M01A), clone 1G7. Western Blot analysis of DSCR1 expression in COLO 320 HSR (Cat # L020V1).



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DSCR1.
Immunogen	DSCR1 (AAH02864, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEEVDLQDLPSATIACHLDPRVFVDGLCRAKFESLFRTYDKDITFQYFKSFKRVRINFSNPFSAAD ARLQLHKTEFLGKEMKLYFAQTLHIGSSHLAPPN
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.63 KDa) .

Storage Buffer

In ascites fluid

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

DSCR1 monoclonal antibody (M01A), clone 1G7. Western Blot analysis of DSCR1 expression in COLO 320 HSR (Cat # L020V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

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

Publication Reference

- [Down syndrome candidate region 1 isoform 1 mediates angiogenesis through the calcineurin-NFAT pathway.](#)

Qin L, Zhao D, Liu X, Nagy JA, Hoang MV, Brown LF, Dvorak HF, Zeng H.

Molecular Cancer Research : MCR 2006 Nov; 4(11):811.

Application: WB, Mouse, Mouse ears

Disease

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