

RCAN1

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50

Calculated MW:28kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human RCAN1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CSP1; DSC1; RCN1; DSCR1; MCIP1; ADAPT78

Catalog #:A5326

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1827

Isotype:IgG

Swiss Prot:P53805

Purity:Affinity purification

For research use only.

Background:

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. Alternative splicing results in multiple transcript variants.

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