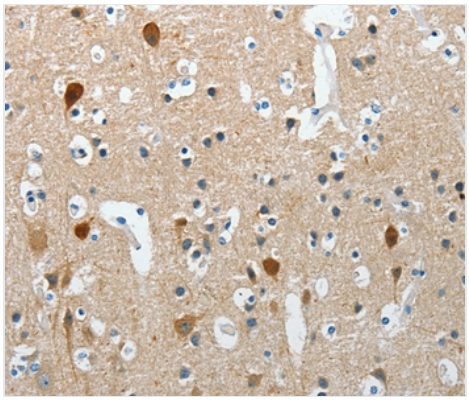
RCAN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RCAN2, Polyclonal Antibody
Full Product Name	RCAN2 Antibody
Product Gene Name	anti-RCAN2 antibody
Product Synonym Names	CSP2; RCN2; MCIP2; ZAKI4; ZAKI-4; DSCR1L1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Purity/Purification	Antigen affinity purification.
Concentration	0.8 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total RCAN2 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	27,289 Da
OMIM	604876
3D Structure	ModBase 3D Structure for Q14206
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human regulator of calcineurin 2
Target Name	RCAN2
Product Categories/Family for anti-RCAN2 antibody	Total protein Ab
Applications Tested/Suitable for anti-RCAN2 antibody	Immunohistochemistry (IHC)
Application Notes for anti-RCAN2 antibody	Immunohistochemistry: 1:25-1:100
Related Product Information for anti-RCAN2 antibody	This gene encodes a member of the regulator of calcineurin (RCAN) protein family. These proteins play a role in many physiological processes by binding to the catalytic domain of calcineurin A, inhibiting calcineurin-mediated nuclear translocation of the transcription factor NFATC1. Expression of this gene in skin fibroblasts is upregulated by thyroid hormone, and the encoded protein may also play a role in endothelial cell function and angiogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Other Notes	Small volumes of anti-RCAN2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RCAN2 purchase	MBS9407079 is an antibody targeting RCAN2. Also known as RCAN2 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunohistochemistry (IHC) of anti-RCAN2 antibody
Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/20.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RCAN2. It may not necessarily be applicable to this product.

NCBI GI #	354681997
NCBI GeneID	10231
NCBI Accession #	NP_001238902.1
UniProt Primary Accession #	Q14206
UniProt Secondary Accession #	Q5VWF7; Q5VWF8; Q8N116; A6ND07; B3KR46
UniProt Related Accession #	Q14206
GenBank Nucleotide #	NM_001251973.1
NCBI Official Full Name	calcipressin-2 isoform 2
NCBI Official Synonym Full Names	regulator of calcineurin 2
NCBI Official Symbol	RCAN2
NCBI Official Synonym Symbols	CSP2; RCN2; MCIP2; ZAKI4; ZAKI-4; DSCR1L1
UniProt Protein Name	Calcipressin-2
UniProt Synonym Protein Names	Down syndrome candidate region 1-like 1; Myocyte-enriched calcineurin-interacting protein 2; MCIP2; Regulator of calcineurin 2; Thyroid hormone-responsive protein ZAKI-4
Protein Family	Calcipressin
UniProt Gene Name	RCAN2
UniProt Synonym Gene Names	DSCR1L1; ZAKI4; MCIP2
UniProt Entry Name	RCAN2_HUMAN
NCBI Protein Information	calcipressin-2

UniProt Comments for RCAN2	RCAN2: Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development. Belongs to the RCAN family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 6p12.3 Molecular Function: nucleotide binding Biological Process: calcineurin-NFAT signaling pathway; short-term memory; response to oxidative stress; locomotion during locomotory behavior
Research Articles on RCAN2	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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