RCAN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RCAN2, Polyclonal Antibody
Full Product Name	RCAN2 Antibody, Biotin conjugated
Product Gene Name	anti-RCAN2 antibody
Product Synonym Names	Calcipressin-2; Down syndrome candidate region 1-like 1; Myocyte-enriched calcineurin-interacting protein 2; MCIP2; Regulator of calcineurin 2; Thyroid hormone-responsive protein ZAKI-4; RCAN2; DSCR1L1; ZAKI4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: RCAN2 (MBS7052797) Biotin Conjugated Antibody: RCAN2 (MBS7052800)
Molecular Weight	27,289 Da
OMIM	D83407 mRNA
3D Structure	ModBase 3D Structure for Q14206
Immunogen	Recombinant Human Calcipressin-2 protein (88-197AA)
Conjugation	Biotin
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RCAN2 antibody	ELISA (EIA)
Related Product Information for anti-RCAN2 antibody	Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development.
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	MBS7052800 is an antibody targeting RCAN2. Also known as RCAN2 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

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
NCBI Protein Information	calcipressin-2
NCBI Summary for RCAN2	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. [provided by RefSeq, Oct 2011]
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 Cellular Component: cytoplasm Molecular Function: calcium-dependent protein serine/threonine phosphatase regulator activity
Research Articles on RCAN2	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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