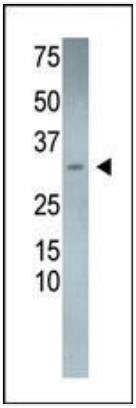
Calcipressin 3 (RCAN3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Calcipressin 3 (RCAN3), Polyclonal Antibody
Full Product Name	Calcipressin 3, NT (Regulator of Calcineurin 3, Down Syndrome Candidate Region 1-like Protein 2, Myocyte-enriched Calcineurin Interacting Protein 3, MCIP3, DSCR1L2, RCAN3) (APC)
Product Gene Name	anti-RCAN3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human DSCR1L2. Species Crossreactivity: mouse.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Do not freeze APC conjugates. Light sensitive. Aliquots are stable for at least 6 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	12,745 Da
OMIM	605860
3D Structure	ModBase 3D Structure for Q9UKA8
Immunogen	Synthetic peptide selected from the N-terminal region of human DSCR1L2 (KLH).
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-RCAN3 antibody	Antibodies; Disease Markers
Applications Tested/Suitable for anti-RCAN3 antibody	Western Blot (WB), FLISA
Application Notes for anti-RCAN3 antibody	WB: 1:100-1:500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-RCAN3 antibody	MBS6466602 is an antibody targeting RCAN3. Also known as Calcipressin 3, NT (Regulator of Calcineurin 3, Down Syndrome Candidate Region 1-like Protein 2, Myocyte-enriched Calcineurin Interacting Protein 3, MCIP3, DSCR1L2, RCAN3) (APC). Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-RCAN3 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.



Western Blot (WB) of anti-RCAN3 antibody
The anti-DSCR1L2 Pab is used in Western blot to detect DSCR1L2 in mouse heart tissue lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RCAN3. It may not necessarily be applicable to this product.

NCBI GI #	354623068
NCBI GeneID	11123
NCBI Accession #	NP_001238906.1
UniProt Primary Accession #	Q9UKA8
UniProt Secondary Accession #	Q5ECL3; Q5TGC6; A4GU14; A4LA69; E3VWE2; E5L4P0; E5L4P7; E7ENV1; E7EWD8; G1FI66; G1FLF0
UniProt Related Accession #	Q9UKA8
GenBank Nucleotide #	NM_001251977.1
NCBI Official Full Name	calcipressin-3 isoform 1
NCBI Official Synonym Full Names	RCAN family member 3
NCBI Official Symbol	RCAN3
NCBI Official Synonym Symbols	RCN3; MCIP3; hRCN3; DSCR1L2
UniProt Protein Name	Calcipressin-3
UniProt Synonym Protein Names	Down syndrome candidate region 1-like protein 2; Myocyte-enriched calcineurin-interacting protein 3; MCIP3; Regulator of calcineurin 3
Protein Family	Calcipressin
UniProt Gene Name	RCAN3
UniProt Synonym Gene Names	DSCR1L2; MCIP3
UniProt Entry Name	RCAN3_HUMAN
NCBI Protein Information	calcipressin-3; Down syndrome candidate region 1-like 2; Down syndrome critical region gene 1-like 2; down syndrome candidate region 1-like protein 2; myocyte-enriched calcineurin-interacting protein 3; regulator of calcineurin 3 isoform 1b,2

UniProt Comments for RCAN3	RCAN3: 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: 1p36.11 Molecular Function: RNA binding; troponin I binding Biological Process: anatomical structure morphogenesis; calcium-mediated signaling
Research Articles on RCAN3	**1.** Studies indicate that RCAN3 is composed of a multigene system that includes at least 21 alternative spliced isoforms.
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