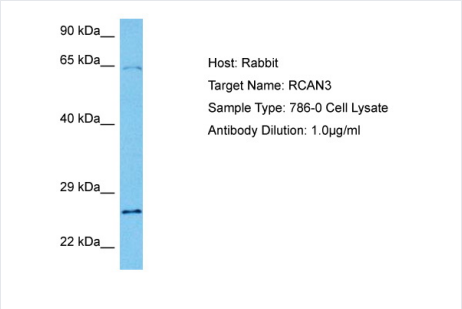
RCAN3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RCAN3, Polyclonal Antibody
Full Product Name	RCAN3 Antibody - middle region
Product Gene Name	anti-RCAN3 antibody
Product Synonym Gene Name	RCN3; MCIP3; hRCN3; DSCR1L2
Immunogen Sequence	Synthetic peptide located within the following region: QKLKLYFAQV QMSGEVRDKS YLLPPQPVKQ FLISPPASPP VGWKQSEDAM
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	RCAN3 peptide (MBS3247400) is used for blocking the activity of RCAN3 antibody (MBS3222733)
Molecular Weight	26 kDa
OMIM	605860
3D Structure	ModBase 3D Structure for Q9UKA8
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RCAN3
Product Categories/Family for anti-RCAN3 antibody	Polyclonal; Neurobiology; Transcription Regulation
Applications Tested/Suitable for anti-RCAN3 antibody	Western Blot (WB)
Related Product Information for anti-RCAN3 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-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.
Searchable Terms for RCAN3 purchase	MBS3222733 is an antibody targeting RCAN3. Also known as RCAN3 Antibody - middle region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RCAN3 antibody
Host: RabbitTarget Name: RCAN3Sample Tissue: Human 786-0 Whole Cell lysatesAntibody Dilution: 1ug/ml

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 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
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.** The tumor suppressor effect of RCAN3 in breast cancer depends on the interaction with calcineurin.

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