

Rabbit RCAN1 Polyclonal Antibody | anti-RCAN1 antibody

RCAN1 antibody - N-terminal region

CATALOG # AAA200750	HOST Rabbit	REACTIVITY Dog, Human, Mouse, Rat	APPLICATIONS Western Blot
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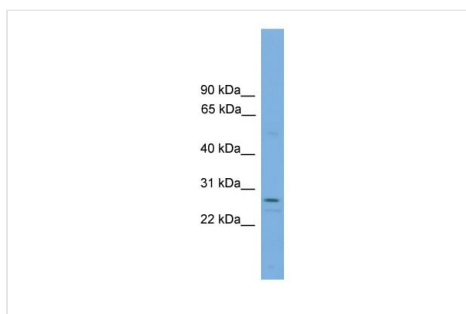
PRODUCT SYNONYMS

RCAN1; Polyclonal Antibody; RCAN1 antibody - N-terminal region; anti-RCAN1 antibody

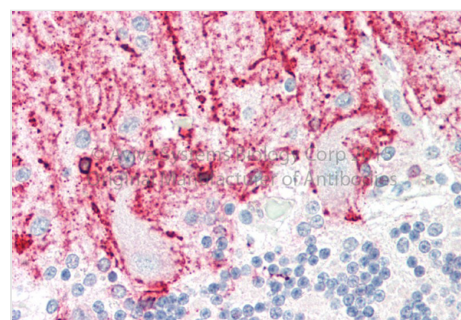
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ME DGVAGPQLGA AAEAAEAAEA RARPGVTLRP FAPLSGAAEA DEGGGDWS
Sequence Length	252
Applicable Applications for anti-RCAN1 antibody	WB (Western Blot)
Homology	Dog: 93%; Human: 100%; Mouse: 77%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RCAN1
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.

IMAGES



WB (Western Blot)

WB Suggested Anti-RCAN1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Placenta


IHC (Immunohistochemistry)

Rabbit Anti-RCAN1 / DSCR1 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Brain, cerebellum
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-RCAN1 antibody	This is a rabbit polyclonal antibody against RCAN1. It was validated on Western Blot Target Description: RCAN1 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.
Product Categories/Family for anti-RCAN1 antibody	Polyclonal; Transcription Factor; Neurobiology; Transcription Regulation; Lymphocyte Signaling; Transcription Regulation; Cell Biology; Developmental Biology; Signal Transduction; Disease Related; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	33620725
NCBI GeneID	1827
NCBI Accession #	NP_004405
NCBI GenBank Nucleotide #	NM_004414
UniProt Accession #	P53805
Molecular Weight	28kDa
NCBI Official Full Name	calcipressin-1 isoform a
NCBI Official Synonym Full Names	regulator of calcineurin 1
NCBI Official Symbol	RCAN1
NCBI Official Synonym Symbols	CSP1; DSC1; RCN1; DSCR1; MCIP1; ADAPT78
NCBI Protein Information	calcipressin-1
UniProt Protein Name	Calcipressin-1
UniProt Gene Name	RCAN1
UniProt Synonym Gene Names	ADAPT78; CSP1; DSC1; DSCR1; MCIP1
UniProt Entry Name	RCAN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.