

Rabbit anti-Human, mouse DSCR1L1 Polyclonal Antibody | anti-RCAN2 antibody

DSCR1L1 Antibody (N-term)

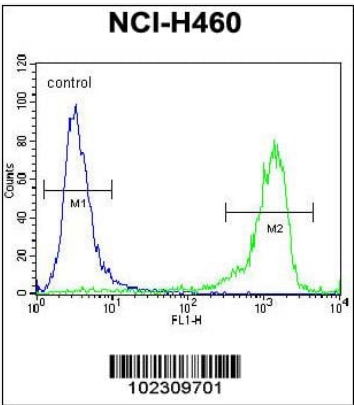
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284731	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

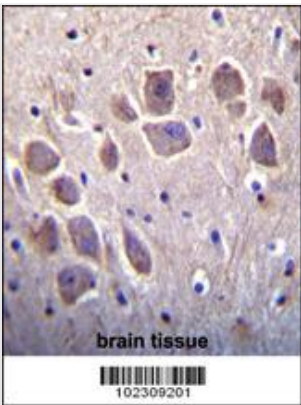
DSCR1L1; Polyclonal Antibody; DSCR1L1 Antibody (N-term); Calcipressin-2; Down syndrome candidate region 1-like 1; Myocyte-enriched calcineurin-interacting protein 2; MCIP2; Regulator of calcineurin 2; Thyroid hormone-responsive protein ZAKI-4; RCAN2; ZAKI4; anti-RCAN2 antibody

PRODUCT SPECIFICATIONS

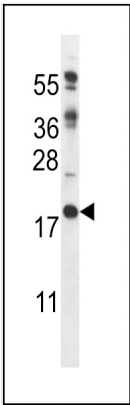
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DSCR1L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-37 amino acids from the N-terminal region of human DSCR1L1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	6-37
Sequence Length	243
Applicable Applications for anti-RCAN2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



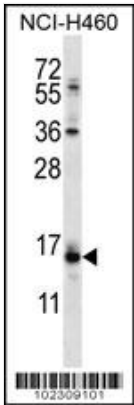
FCM/FACS (Flow Cytometry)
DSCR1L1 Antibody (N-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
DSCR1L1 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DSCR1L1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
DSCR1L1 Antibody (Q21) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the DSCR1L1 antibody detected the DSCR1L1 protein (arrow).



WB (Western Blot)
DSCR1L1 Antibody (Q21) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the DSCR1L1 antibody detected the DSCR1L1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RCAN2 antibody	DSCR1L1 inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. This protein may play a role during central nervous system development. Expression is detected in fibroblasts, heart, brain, liver, and skeletal muscle but not in placenta, lung, kidney and pancreas. Expression of both transcripts is upregulated by physiologic concentrations of the thyroid hormone triiodothyroxine.
Product Categories/Family for anti-RCAN2 antibody	Cardiovascular; Neuroscience; Signal Transduction
References	Rothermel, B., et al., J. Biol. Chem. 275(12):8719-8725 (2000). Fuentes, J.J., et al., Hum. Mol. Genet. 9(11):1681-1690 (2000). Strippoli, P., et al., Genomics 64(3):252-263 (2000). Miyazaki, T., et al., J. Biol. Chem. 271(24):14567-14571 (1996). Cao, X., et al., Biochem. J. 367 (PT 2), 459-466 (2002) ().

NCBI AND UNIPROT INFORMATION

NCBI GI #	354681997
NCBI GeneID	10231
NCBI Accession #	NP_001238902.1; NP_001238903.1; NP_005813.2
NCBI GenBank Nucleotide #	NM_001251973.1

UniProt Accession #	Q14206 ; Q5VWF7 ; Q5VWF8 ; Q8N116 ; A6ND07 ; B3KR46
Molecular Weight	21997
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
NCBI Protein Information	calcipressin-2
UniProt Protein Name	Calcipressin-2
UniProt Gene Name	RCAN2
UniProt Synonym Gene Names	DSCR1L1; ZAKI4; MCIP2
UniProt Entry Name	RCAN2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dscr1l1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284731>