

Rabbit DSCR1 Polyclonal Antibody | anti-RCAN1 antibody

DSCR1 Antibody (C-term)

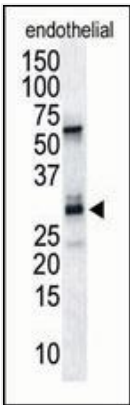
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283685	Rabbit	Human (Predicted Reactivity: Bovine, Hamster, Mouse, Rat)	Western Blot

PRODUCT SYNONYMS

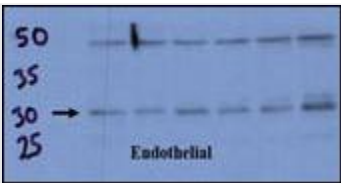
DSCR1; Polyclonal Antibody; DSCR1 Antibody (C-term); Calcipressin-1; Adapt78; Down syndrome critical region protein 1; Myocyte-enriched calcineurin-interacting protein 1; MCIP1; Regulator of calcineurin 1; RCAN1; ADAPT78; CSP1; DSC1; anti-RCAN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Hamster, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DSCR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 222-252 amino acids from the C-terminal region of human DSCR1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	222-252
Sequence Length	252
Applicable Applications for anti-RCAN1 antibody	WB (Western Blot)
Antigen Type	Synthetic Peptide
Other Acession	O6IN33, O9JHG6, O35847, O3ZBP4, O7Z555, O6XXM7
Function	Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development.
Tissue Location	Highly expressed in all other tissues.
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.



WB (Western Blot)
The anti-DSCR1 Pab is used in Western blot to detect DSCR1 in endothelial tissue lysate.



WB (Western Blot)
Endothelial cell lysate transferred to membrane was incubated with primary antibody at a 1:500 dilution in 2% BSA in TBST at 4deg C overnight. Data courtesy of Dr. Katherine Healey, NWCrf Institute, School of Biological Sciences, University of Wales Bangor.

ADDITIONAL INFORMATION

Related Product Information for anti-RCAN1 antibody	DSCR1 interacts with calcineurin A and inhibits calcineurin-dependent signaling pathways, possibly affecting central nervous system development. The gene for this protein 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 DSCR1 may lead to neurofibrillary tangles such as those associated with Alzheimer disease.
Product Categories/Family for anti-RCAN1 antibody	Neuroscience
References	Minami, T., et al., J. Biol. Chem. 279(48):50537-50554 (2004). Yao, Y.G., et al., Biochem. Biophys. Res. Commun. 321(3):648-656 (2004). Michtalik, H.J., et al., Free Radic. Biol. Med. 37(4):454-462 (2004). Hesser, B.A., et al., Blood 104(1):149-158 (2004). Iizuka, M., et al., Biochem. Biophys. Res. Commun. 41(4):334-344 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33620725
NCBI GeneID	1827
NCBI Accession #	NP_004405.3; NP_981962.1; NP_981963.1
NCBI GenBank Nucleotide #	NM_004414.6
UniProt Accession #	P53805; Q6IN33; Q9JHG6; O35847; Q3ZBP4; Q7Z555; Q6XXM7
Molecular Weight	28079
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dscr1-antibody-western-blot-elisa/283685>