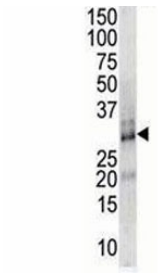
DSCR1 Antibody (F40133)

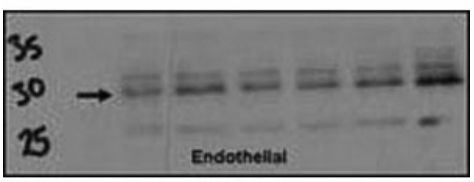
Catalog No.	Formulation	Size
F40133-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40133-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P53805
Applications	Western blot: 1:1000
Limitations	This DSCR1 antibody is available for research use only.



DSCR1 antibody used in western blot to detect DSCR1 in endothelial cell lysate



Western blot testing of DSCR1 antibody (1:500) and endothelial cell lysate. Data courtesy of Dr. Katherine Healey, NWCRF Institute, School of Biological Sciences, University of Wales Bangor.

Description

DSCR1 (calcipressin 1) interacts with calcineurin A and inhibits calcineurin-dependent signaling pathways, possibly affecting central nervous system development. Thr 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 this gene may lead to neurofibrillary tangles such as those associated with Alzheimer disease.

Application Notes

Titration of the DSCR1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 75-104 from the human protein was used as the immunogen for this DSCR1 antibody.

Storage

Aliquot the DSCR1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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