

**Calcipressin-1 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3452a

**Specification**

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**Calcipressin-1 Antibody (internal region) - Product Information**

Application	WB
Primary Accession	<a href="#">P53805</a>
Other Accession	<a href="#">NP_004405.3</a> , <a href="#">NP_981962.1</a> , <a href="#">NP_981963.1</a> , <a href="#">1827</a> , <a href="#">54720 (mouse)</a> , <a href="#">266766 (rat)</a>
Reactivity	Mouse
Predicted	Human, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	28079

**Calcipressin-1 Antibody (internal region) - Additional Information**

**Gene ID** 1827

**Other Names**

Calcipressin-1, Adapt78, Down syndrome critical region protein 1, Myocyte-enriched calcineurin-interacting protein 1, MCIP1, Regulator of calcineurin 1, RCAN1, ADAPT78, CSP1, DSC1, DSCR1

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Calcipressin-1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**Calcipressin-1 Antibody (internal region) - Protein Information**

**Name** RCAN1

**Synonyms** ADAPT78, CSP1, DSC1, DSCR1

**Function**

Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A (PubMed: <a href="http://www.uniprot.org/citations/12809556">

target="\_blank">12809556</a>). Could play a role during central nervous system development (By similarity).

#### **Tissue Location**

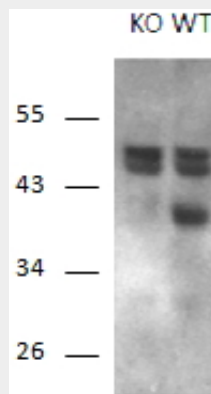
Highly expressed heart, brain and skeletal muscle. Also expressed in all other tissues

#### **Calcipressin-1 Antibody (internal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Calcipressin-1 Antibody (internal region) - Images**



AF3452a (1 µg/ml) staining of Mouse Brain and KO Mouse Brain lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### **Calcipressin-1 Antibody (internal region) - Background**

This antibody is expected to recognize all three reported isoforms (NP\_004405.3; NP\_981962.1; NP\_981963.1).

#### **Calcipressin-1 Antibody (internal region) - References**

Integrative genomics identifies DSCR1 (RCAN1) as a novel NFAT-dependent mediator of phenotypic modulation in vascular smooth muscle cells. Lee MY, Garvey SM, Baras AS, Lemmon JA, Gomez MF, Schoppee Bortz PD, Daum G, LeBoeuf RC, Wamhoff BR, Human molecular genetics 2010 Feb 19 (3): 468-79. PMID: 19926569