



## Rabbit Anti-Calciressin 1/DSCR 1 antibody

SL11541R

<b>Product Name:</b>	Calciressin 1/DSCR 1
<b>Chinese Name:</b>	钙调神经磷酸酶调节蛋白1抗体(唐氏综合征候选区域蛋白1样蛋白1)
<b>Alias:</b>	Adapt 78; Adapt78; Calciressin 1; Calciressin-1; Calcium and oxidant inducible mRNA; CSP 1; CSP1; Down syndrome candidate region 1; Down syndrome critical region gene 1; Down syndrome critical region protein 1; DSC 1; DSC1; DSCR 1; DSCR1; DSCR-1; MCIP 1; MCIP1; Modulatory calcineurin interacting protein 1; Myocyte enriched calcineurin interacting protein 1; Myocyte-enriched calcineurin-interacting protein 1; Near DSCR proline rich protein; RCAN1; RCAN1_HUMAN; RCN 1; RCN1; Regulator of calcineurin 1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	28kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Calciressin 1:101-200/252
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The protein encoded by this gene 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. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].

**Function:**

Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development.

**Subunit:**

Interacts with RAF1.

**Tissue Specificity:**

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

**Similarity:**

Belongs to the RCAN family.

**SWISS:**

P53805

**Gene ID:**

1827

**Database links:**

[Entrez Gene: 1827](#) Human

[Entrez Gene: 54720](#) Mouse

[Entrez Gene: 266766](#) Rat

[Omim: 602917](#) Human

[SwissProt: P53805](#) Human

[SwissProt: Q9JHG6](#) Mouse

[SwissProt: Q6IN33](#) Rat

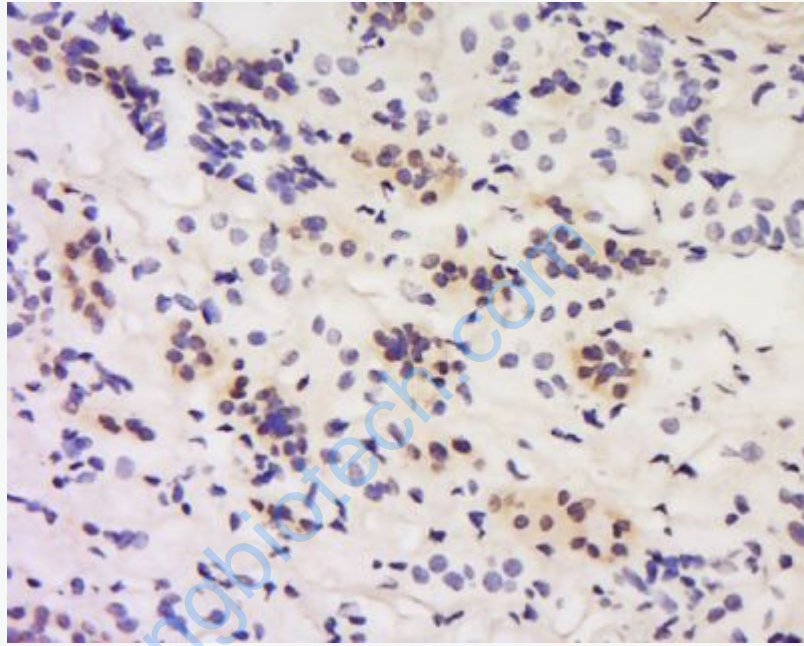
[Unigene: 282326](#) Human

[Unigene: 265744](#) Mouse

[Unigene: 12942](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-DSCR1 Polyclonal Antibody, Unconjugated(SL11541R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining