SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Calcipressin 1/DSCR 1 antibody

Catalog Number: SL11541R

FOR RESEARCH USE ONLY

[DATASHEET]

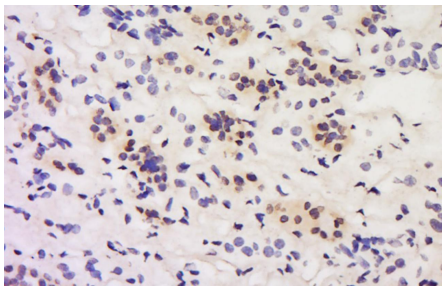
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Calcipressin 1/DSCR 1
Immunogen:	KLH conjugated synthetic peptide derived from human Calcipressin 1: 101-200/252
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, (predicted: Mouse, Rat, Dog, Pig, Horse, Rabbit, Sheep)
Predicted MW.:	28kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	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.

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

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	Tissue Specificity: Highly expressed heart, brain and skeletal muscle. Also expressed in all other tissues. **Similarity:** Belongs to the RCAN family. **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

[VALIDATION IMAGES]



Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, 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℃ 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

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