

## Calcipressin 3 Polyclonal Antibody

Catalog: BS65689      Host: Rabbit      Reactivity: Hu-man, Mouse, Rat, Chicken, Dog, Pig, Cow, Rabbit, Sheep,

### Background:

Calcineurin is a Ca(2+) dependent protein phosphatase that is involved in several neuronal functions. Proteins belonging to the RCAN (Regulator of calcineurin) family modulate the activity of Calcineurin through a valine-rich region within their carboxyl tail. RCANs compete with NFATs (Nuclear factor of activated T-cells) for binding to the same docking site in calcineurin, which results in either inhibition or activation of calcineurin activity. Calcipressin-2, also known as RCAN2 and DSCR1L1 (Down syndrome candidate region 1-like 1), is a 197 amino acid protein that is highly expressed in both the cytoplasm and nucleus of neurons and is the only RCAN family member that is found in glial cells. Calcipressin-3, also known as RCAN3 and DSCR1L2 (Down syndrome candidate region 1-like protein 2), is a 241 amino acid protein that potentially is involved in central nervous system development. Calcipressin-3 interacts with cardiac troponin I, suggesting that it may play a role in cardiac contraction events.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

27 kD

### Swiss-Prot:

Q9UKA8

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

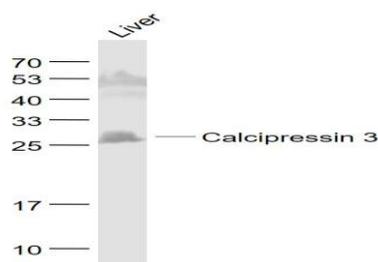
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Calcipressin 3 Polyclonal Antibody detects endogenous levels of Calcipressin 3 protein.

### DATA:



Sample:

Liver (Mouse) Lysate at 40 ug

Primary: Anti- Calcipressin 3 at 1/1000 dilution

### Note:

For research use only, not for use in diagnostic procedure.

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