



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05457 - Goat Anti-Calciopressin 1 (Isoform a) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RCAN1, DSCR1, Down syndrome critical region gene 1, HGNC:3040, ADAPT78, CSP1, DSC1, MCIP1, RCN1, Down syndrome candidate region 1, adapt78 protein, calciopressin 1, calcium and oxidant-inducible mRNA, modulatory calcineurin-interacting protein 1, myocyte-enriched calcineurin-interacting protein 1, near DSCR proline-rich protein, regulator of calcineurin 1

**Official Symbol:** RCAN1

**Accession Number(s):** NP\_004405.3

**Human GeneID(s):** [1827](#)

**Non-Human GeneID(s):** 54720 (mouse)

**Important Comments:** Note the antibody is predicted to recognize isoform a (NP\_004405) only.

### Immunogen

Peptide with sequence C-EEVDLQDLPSAT, from the internal region of the protein sequence according to NP\_004405.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Preliminary experiments gave no signal but low background in human heart and kidney extracts at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Dog