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Research Use Only. Not for diagnostic or therapeutic use.

EB05457 - Goat Anti-Calcipressin 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, calcipressin 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