



UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106
Ramona,
CA 92065
USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

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

EB10693 - Goat Anti-Calciopressin-1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RCAN1, regulator of calcineurin 1, ADAPT78, CSP1, DSC1, DSCR1, MCIP1, RCN1, Down syndrome candidate region 1, OTTHUMP00000108621, OTTHUMP00000108622, OTTHUMP00000214669, OTTHUMP00000214670, calciopressin-1, calcium and

Official Symbol: RCAN1

Accession Number(s): NP_004405.3; NP_981962.1; NP_981963.1; NP_001272320.2; NP_001272318.1; NP_001317945.1

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

Non-Human GeneID(s): 54720 (mouse), 266766 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms a to f.

Immunogen

Peptide with sequence C-HIGSSHLAPPNPD, from the internal region of the protein sequence according to NP_004405.3; NP_981962.1; NP_981963.1; NP_001272320.2; NP_001272318.1; NP_001317945.1.

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

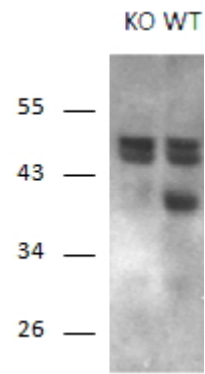
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 40kDa band corresponding to isoform 1L observed in Mouse Brain lysates and this band is not present in the KO mouse. Additional bands around 55kDa were consistently observed, however these band were also observed in the KO mice and therefore they represent non-specific signal. We call for caution when used for other assays than Western blot. Data kindly provided by Dana Crawford, PhD, Albany Medical College, NY, USA. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB10693 (1µg/ml) staining of Mouse Brain and KO Mouse Brain lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.