

Datasheet for ABIN1019651

## anti-RCAN1 antibody (Internal Region)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	RCAN1
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RCAN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Calcipressin-1
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.
Sequence:	HIGSSHLAPP NPD
Isotype:	IgG
Specificity:	This antibody is expected to recognize all three reported isoforms (NP_004405.3, NP_981962.1, NP_981963.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: RCAN1

Alternative Name: RCAN1 ([RCAN1 Products](#))

Background: RCAN1, regulator of calcineurin 1, ADAPT78, CSP1, DSC1, DSCR1, MCIP1, RCN1, Down syndrome candidate region 1, Down syndrome critical region gene 1, OTTHUMP00000108621, OTTHUMP00000108622, OTTHUMP00000214669, OTTHUMP00000214670, calcipressin-1, calcium and

Gene ID: 1827, 54720, 266766

NCBI Accession: [NP\\_004405](#), [NP\\_981962](#), [NP\\_981963](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#)

## Application Details

Application Notes: Western Blot: Approx 40 kDa band corresponding to isoform 1L observed in Mouse Brain lysates and this band is not present in the KO mouse. Additional bands around 55 kDa were consistently observed, however these band were also observed in the KO mice and Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

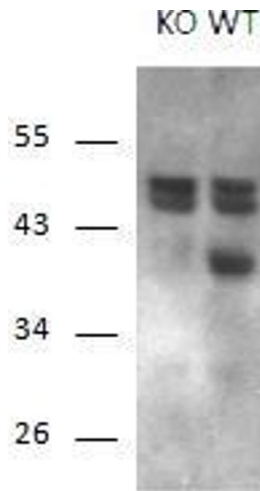
Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Western Blotting

**Image 1.** ABIN1019651 (1µg/ml) staining of Mouse Brain and KO Mouse Brain lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.