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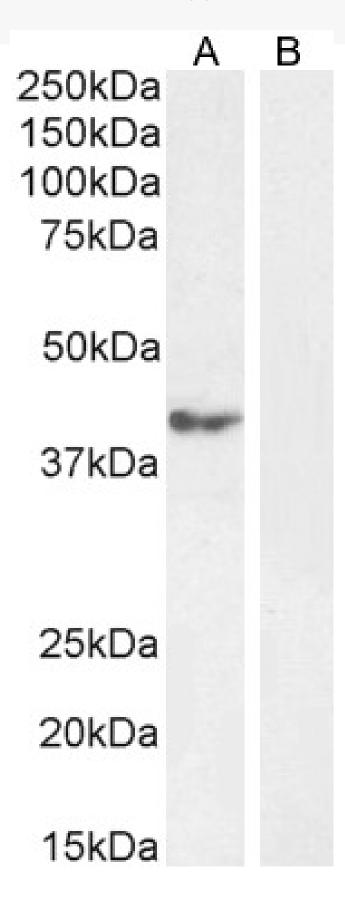
GOAT ANTI-CALCIPRESSIN-1 ANTIBODY

SKU: EB10693



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SPECIFICATIONS

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

Unit Size 100 µg

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

Synonym / calcium and calcipressin-1 OTTHUMP00000214670 OTTHUMP00000214669 OTTHUMP00000108622 OTTHUMP00000108621| Down syndrome candidate region 1| RCN1| MCIP1| DSCR1| DSC1| CSP1| ADAPT78|

Alias

Names

regulator of calcineurin 1|RCAN1

Usage Summary

Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of

A431 cells. Recommended concentration: 10ug/ml.

Accession

NP_004405.3; NP_981962.1; NP_981963.1; NP_001272320.2; NP_001272318.1; NP_001317945.1

Blocking

ID

Peptide

EBP10693

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.

Product

Comments

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

Peptide

Sequence

C-HIGSSHLAPPNPD

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping Refrigerated Refrigerated

Predicted

Human, Mouse, Rat, Dog, Cow Species

Reactive

Species

Human, Mouse

Human

Gene ID

1827

Mouse

54720 Gene ID

Rat Gene ID 266766

Product

Grade **ELISA**

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png

Detection Limit

Antibody detection limit dilution 1:32000.







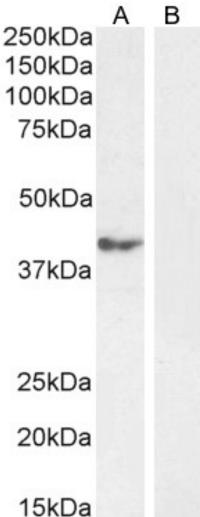


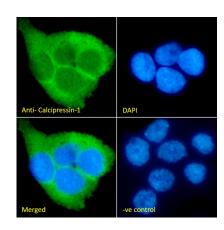
Western Blot Approx. 40kDa band was observed in Human Cerebellum lysates (calculated MW of 31.9kDa according to NP_001272320.2). This molecular weight is observed by other commercial sources, and was blocked by incubation with the immunizing peptide. Recommended concentration: 1-1.5ug/ml. Primary incubation 1 hour at room temperature. Approx. 40kDa band corresponding to isoform 1L, was observed in Wild-type Mouse Brain lysates, which is not present in the KO mouse. Additional 55kDa bands were consistently observed in both the WT and KO Mouse, and are therefore a non-specific signal. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature. Data kindly provided by Dana Crawford, PhD, Albany Medical College, NY, USA.

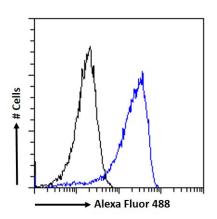
Application Type

Pep-ELISA, WB, IF, FC

GALLERY IMAGES











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