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HIGH QUALITY REAGENTS FOR LIFE SCIENCES

Goat anti-Calcipressin-1 Antibody

Item Number	dAP-2624
Target Molecule	Principle Name: Calcipressin-1; Official Symbol: RCAN1; All Names and Symbols: RCAN1; regulator of calcineurin 1; ADAPT78; CSP1; DSC1; DSCR1; MCIP1; RCN1; Down syndrome candidate region 1; Down syndrome critical region gene 1; OTTHUMP00000108621; OTTHUMP00000108622; OT-THUMP00000214669; OTTHUMP00000214670; calcipressin-1; calcium and; Accession Number (s): NP_004405.3; NP_981962.1; NP_981963.1; Human Gene ID(s): 1827; Non-Human GeneID(s): 54720
Immunogen	HIGSSHLAPPNPD, is from internal region This antibody is expected to recognize all three reported isoforms (NP_004405.3; NP_981962.1; NP_981963.1).
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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
IHC	
Reference	Reference(s): Lee MY, Garvey SM, Baras AS, Lemmon JA, Gomez MF, Schoppee Bortz PD, Daum G, LeBoeuf RC, Wamhoff BR, Integrative genomics identifies DSCR1 (RCAN1) as a novel NFAT-dependent mediator of phenotypic modulation in vascular smooth muscle cells. Human molecular genetics 2010 Feb

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only