

Goat anti-CACNB2 (aa565-579) Antibody

Item Number	dAP-2565
Target Molecule	Principle Name: CACNB2 (aa565-579); Official Symbol: CACNB2; All Names and Symbols: CACNB2; calcium channel, voltage-dependent, beta 2 subunit; CACNLB2; CAVB2; FLJ23743; MYSB; CAB2; calcium channel voltage-dependent subunit beta 2; Lambert-Eaton myasthenic syndrome antigen B; myasthenic (Lambert-Eaton) syndrome antigen B; voltage-dependent; Accession Number (s): NP_000715.2; NP_963890.2; NP_963884.2; NP_963891.1; NP_963887.2; NP_963865.2; NP_963864.1; NP_963866.2;
Immunogen	ECNKQSRHKSVDY, is from C Terminus This antibody is expected to recognize all reported isoforms (NP_000715.2; NP_963890.2; NP_963884.2; NP_963891.1; NP_963887.2; NP_963865.2; NP_963864.1; NP_963866.2; NP_001161417.1).
Applications	Pep ELISA, WB Species Tested: Human, 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; Reconstitute 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 4000.
Western Blot	Western Blot: Approx 65kDa band observed in lysates of cell lines NIH3T3 and Jurkat (calculated MW of 68.1kDa according to NP_000715.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Burashnikov E, Pfeiffer R, Barajas-Martinez H, Delpón E, Hu D, Desai M, Borggrefe M, Häissaguerre M, Kanter R, Pollevick GD, Guerchicoff A, Laiño R, Marieb M, Nademanee K, Nam GB, Robles R, Schimpf R, Stapleton DD, Viskin S, Winters S, Wolpert C, Zimmern Mutations in the cardiac L-type

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**