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

EB11178 - Goat Anti-CACNB2 (aa565-579) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CAB2, CACNLB2, calcium channel voltage-dependent subunit beta 2, calcium channel, voltage-dependent, beta 2 subunit, CAVB2, FLJ23743, Lambert-Eaton myasthenic syndrome antigen B, myasthenic (Lambert-Eaton) syndrome antigen B, MYSB, voltage-dependent L-type calcium channel subunit beta-2, CACNB2

Official Symbol: CACNB2

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; NP_001161417.1

Human GeneID(s): [783](#)

Non-Human GeneID(s): 12296 (mouse), 116600 (rat)

Important Comments: 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).

Immunogen

Peptide with sequence ECNKQRSRHKSKDRY, from the C Terminus of the protein sequence according to 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.

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

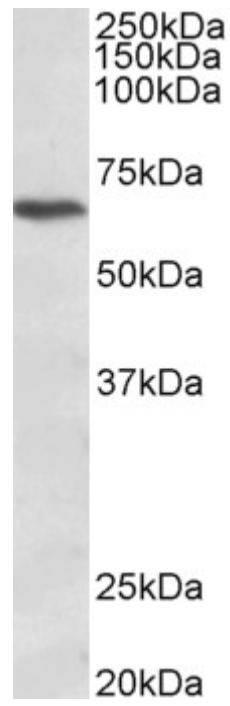
Peptide ELISA: antibody detection limit dilution 1:4000.

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.

Species Reactivity

Tested: Human, Mouse

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



EB11178 (1 μ g/ml) staining of Jurkat lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.