

Product datasheet for TA338801

CACNB2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-CACNB2 antibody: synthetic peptide directed towards the middle

region of human CACNB2. Synthetic peptide located within the following region:

ACEHLADYLEAYWKATHPPSSSLPNPLLSRTLATSSLPLSPTLASNSQGS

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 67 kDa

Gene Name: calcium voltage-gated channel auxiliary subunit beta 2

Database Link: NP 000715

Entrez Gene 783 Human

Q08289

Background: This gene encodes a subunit of a voltage-dependent calcium channel protein that is a

member of the voltage-gated calcium channel superfamily. The gene product was originally identified as an antigen target in Lambert-Eaton myasthenic syndrome, an autoimmune disorder. Mutations in this gene are associated with Brugada syndrome. Alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq, Feb 2013]



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Synonyms: CACNLB2; CAVB2; MYSB

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

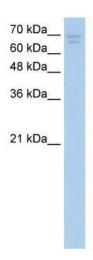
100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 92%; Zebrafish: 82%

Protein Families: Druggable Genome, Ion Channels: Other

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Cardiac muscle contraction, Dilated

cardiomyopathy, Hypertrophic cardiomyopathy (HCM), MAPK signaling pathway

Product images:



WB Suggested Anti-CACNB2 Antibody Titration: 2.5 ug/ml; Positive Control: HepG2 cell lysate