

## **Product datasheet for TA341724**

# **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 C terminal

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

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: Affinity Purified
Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 70 kDa

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

Database Link: NP 963865

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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#### CACNB2 Rabbit Polyclonal Antibody - TA341724

Synonyms: CACNLB2; CAVB2; MYSB

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

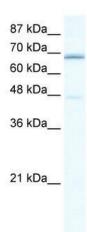
100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Bovine: 82%

**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: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive

Control: HepG2 cell lysate