

A16037

Leader in Biomolecular Solutions for Life Science



CACNB2 Rabbit pAb

Catalog No.: A16037

1 Publications

Basic Information

Observed MW

90kDa

Calculated MW

74kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:100 - 1:200

Immunogen Information

Gene ID

783

Swiss Prot

Q08289

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 481-660 of human CACNB2 (NP_963890.2).

Synonyms

CAB2; MYSB; CAVB2; CACNLB2; CACNB2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

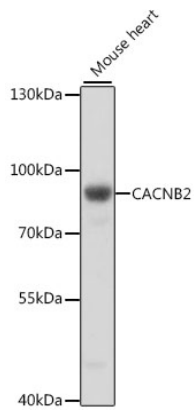
Affinity purification

Storage

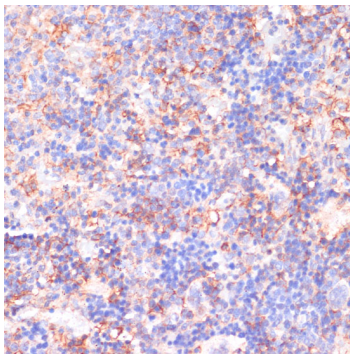
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

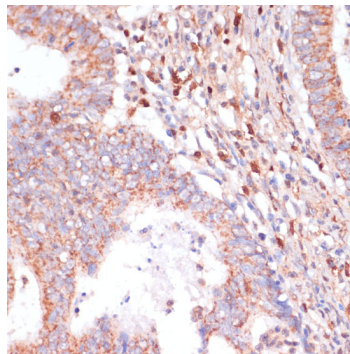
Validation Data



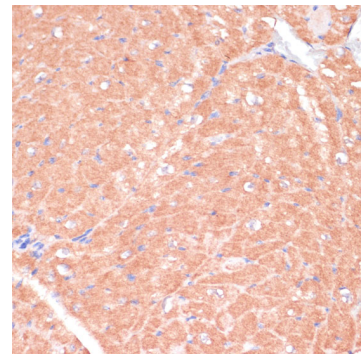
Western blot analysis of lysates from mouse heart, using CACNB2 Rabbit pAb (A16037) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 15s.



Immunohistochemistry analysis of CACNB2 in paraffin-embedded rat spleen using CACNB2 Rabbit pAb (A16037) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CACNB2 in paraffin-embedded human colon carcinoma using CACNB2 Rabbit pAb (A16037) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CACNB2 in paraffin-embedded mouse heart using CACNB2 Rabbit pAb (A16037) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.