

CACNB2 Rabbit pAb

Catalog No.: A16037 **1 Publications**

Basic Information

Observed MW

90kDa

Calculated MW

74kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

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	Swiss Prot
783	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

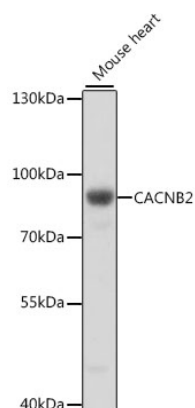
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

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.

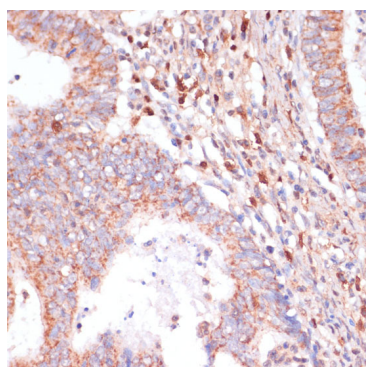
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

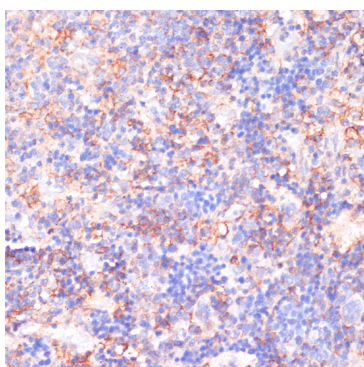
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

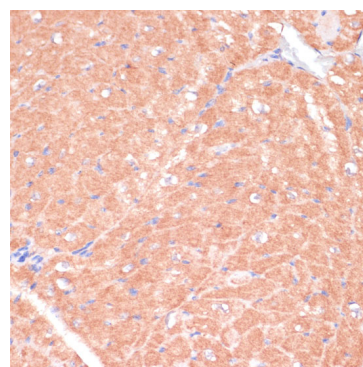
Exposure time: 15s.



Immunohistochemistry analysis of CACNB2 in paraffin-embedded 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 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 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.