

CACNB2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10765**Specification**

CACNB2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q08289
Other Accession	NM_000724 , NP_000715
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 68kDa KDa

CACNB2 antibody - C-terminal region - Additional Information**Gene ID 783**

Alias Symbol **CACNLB2, CAVB2, FLJ23743, MYSB**

Other Names

Voltage-dependent L-type calcium channel subunit beta-2, CAB2, Calcium channel voltage-dependent subunit beta 2, Lambert-Eaton myasthenic syndrome antigen B, MYSB, CACNB2, CACNLB2, MYSB

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CACNB2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CACNB2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CACNB2 antibody - C-terminal region - Protein Information

Name CACNB2

Synonyms CACNLB2, MYSB

Function

Beta subunit of voltage-dependent calcium channels which contributes to the function of the calcium channel by increasing peak calcium current (By similarity). Plays a role in shifting voltage dependencies of activation and inactivation of the channel (By similarity). May modulate G protein inhibition (By similarity). May contribute to beta-adrenergic augmentation of Ca(2+) influx in

cardiomyocytes, thereby regulating increases in heart rate and contractile force (PubMed:36424916). Involved in membrane targeting of the alpha-1 subunit CACNA1C (PubMed:17525370).

Cellular Location

Cell membrane, sarcolemma; Peripheral membrane protein; Cytoplasmic side

Tissue Location

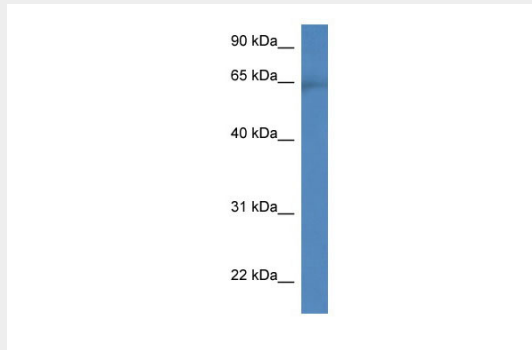
Expressed in all tissues.

CACNB2 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CACNB2 antibody - C-terminal region - Images



WB Suggested Anti-CACNB2 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: HepG2 cell lysate