

Cacnb2 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10855**Specification**

Cacnb2 Antibody - middle region - Product Information

Application	WB
Primary Accession	Q8VGC3
Other Accession	NM_053851 , NP_446303
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66kDa KDa

Cacnb2 Antibody - middle region - Additional Information**Gene ID** 116600**Alias Symbol** **Cacnlb2****Other Names**

Voltage-dependent L-type calcium channel subunit beta-2, CAB2, Calcium channel voltage-dependent subunit beta 2, Cacnb2, Cacnlb2

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 - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Cacnb2 Antibody - middle region - Protein Information**Name** Cacnb2**Synonyms** Cacnlb2**Function**

Beta subunit of voltage-dependent calcium channels which contributes to the function of the calcium channel by increasing peak calcium current (PubMed:12042350, PubMed:1370480). Plays a role in

shifting voltage dependencies of activation and inactivation of the channel (PubMed:12042350, PubMed:1370480). May modulate G protein inhibition (PubMed:11604404, PubMed:12042350, PubMed:1370480). May contribute to beta-adrenergic augmentation of Ca(2+) influx in cardiomyocytes, thereby regulating increases in heart rate and contractile force (By similarity). Involved in membrane targeting of the alpha-1 subunit CACNA1C (By similarity).

Cellular Location

Cell membrane, sarcolemma; Peripheral membrane protein; Cytoplasmic side

Tissue Location

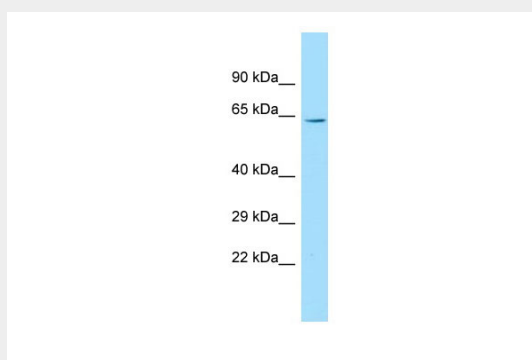
Highly expressed in heart and brain, and at lower levels in lung.

Cacnb2 Antibody - middle 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 - middle region - Images



Host: Rabbit
Target Name: Cacnb2
Sample Tissue: Rat Thymus lysates
Antibody Dilution: 1.0µg/ml