

CACNB3 mouse monoclonal antibody (hybridoma)

Catalog # H00000784-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CACNB3.
Immunogen	CACNB3 (NP_000716.2, 1 a.a. ~ 484 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MYDDSYVPGFEDSEAGSADSYTSRPSLSDSVSLEEDRESARREVESQAQQQLERAKHKPVAFA VRTNVSYCGVLDEECVPVQSGVNF EAKDFLHIKEKYSNDWWIGRLVKEGGDIAFIPSPQRLESIRL KQEQKARRSGNPSSLSDIGNRRSPPPSLAKQKQKQAEHVPPYDVVPSMRPVVLVGPSLKG YEV TDMMQALFDLFLKHRFDGRISITRV TADLSLAKRSVLNNPGKRTI IERS SARSSIAEVQSEIERIFELA KSLQLVVL DADTINHPAQLAKTSLAPIIVFKVSSPKVLQRLIRSRGKSQMKHLTVQMMA YDKLVQ CPPE SFDVILDENQLEDACEHLAEYLEVYWRATHHPAPGPGLLGPPSAIPGLQNQQLLGERGEE HSPLE RDSLMP SDEASESSRQAWTGSSQRSSRHLEEDYADAYQDLYQPHRQHTSGLPSANGH DPQDRLLAQDSEHNHSDRNWQRNRPWPKDSY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (99)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CACNB3

Entrez GeneID	784
GeneBank Accession#	NM_000725.2
Protein Accession#	NP_000716.2
Gene Name	CACNB3
Gene Alias	CACNLB3
Gene Description	calcium channel, voltage-dependent, beta 3 subunit
Omim ID	601958
Gene Ontology	Hyperlink
Gene Summary	voltage-dependent
Other Designations	-

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cardiac muscle contraction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [MAPK signaling pathway](#)