

DNAxPAb

Hard-to-Find
Antibody

CACNB1 DNAxPab

Catalog # H00000782-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human CACNB1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CACNB1

Entrez GeneID	782
GeneBank Accession#	NM_000723.3
Protein Accession#	NP_000714.3
Gene Name	CACNB1
Gene Alias	CAB1, CACNLB1, CCHLB1, MGC41896
Gene Description	calcium channel, voltage-dependent, beta 1 subunit
Omim ID	114207
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene belongs to the calcium channel beta subunit family. It plays an important role in the calcium channel by modulating G protein inhibition, increasing peak calcium current, controlling the alpha-1 subunit membrane targeting and shifting the voltage dependence of activation and inactivation. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000164286 calcium channel, L type, beta 1 polypeptide dihydropyridine-sensitive L-type, calcium channel beta-1 subunit

Pathway

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