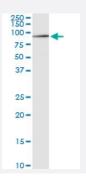


CACNB1 (Human) IP-WB Antibody Pair

Catalog # H00000782-PW1 Size 1 Set

Applications



Immunoprecipitation of CACNB1 transfected lysate using rabbit polyclonal anti-CACNB1 and Protein A Magnetic Bead (<u>U0007</u>), and immunoblotted with mouse purified polyclonal anti-CACNB1.

Specification	
Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CACNB1 transfected lysate using rabbit polyclonal anti-CACNB1 and Protei n A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-CACNB1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-CACNB1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-CACNB1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

Immunoprecipitation-Western Blot

Protocol Download



Gene Info — CACNB1	
Entrez GeneID	<u>782</u>
Gene Name	CACNB1
Gene Alias	CAB1, CACNLB1, CCHLB1, MGC41896
Gene Description	calcium channel, voltage-dependent, beta 1 subunit
Omim ID	114207
Gene Ontology	<u>Hyperlink</u>
Gene Summary	The protein encoded by this gene belongs to the calcium channel beta subunit family. It plays an i mportant role in the calcium channel by modulating G protein inhibition, increasing peak calcium c urrent, 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 en coding three distinct isoforms have been identified. [provided by RefSeq
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