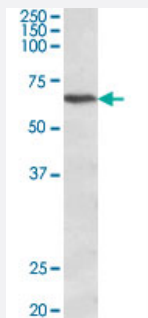


CACNB2 polyclonal antibody

Catalog # PAB24576 Size 100 ug

Applications



Western Blot (Cell lysate)

CACNB2 polyclonal antibody (Cat # PAB24576) (1 ug/mL) staining of Jurkat lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CACNB2.
Immunogen	A synthetic peptide corresponding to amino acids 565-579 at C-terminus of human CACNB2.
Sequence	ECNKQRSRHKSKDRY
Host	Goat
Theoretical MW (kDa)	65
Reactivity	Human, Mouse
Specificity	This antibody is expected to recognize all reported isoforms (NP_000715.2; NP_963890.2; NP_963884.2; NP_963891.1; NP_963887.2; NP_963865.2; NP_963864.1; NP_963866.2; NP_001161417.1).
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	ELISA (1:4000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CACNB2

Entrez GeneID	783
Protein Accession#	NP_000715.2;NP_963890.2;NP_963884.2;NP_963891.1;NP_963887.2;NP_963865.2;NP_963864.1;NP_963866.2;NP_001161417.1
Gene Name	CACNB2
Gene Alias	CACNLB2, CAVB2, FLJ23743, MYSB
Gene Description	calcium channel, voltage-dependent, beta 2 subunit
Omim ID	600003
Gene Ontology	Hyperlink
Gene Summary	voltage-dependent
Other Designations	OTTHUMP00000019254 OTTHUMP00000019255 OTTHUMP00000019256 OTTHUMP00000196786 myasthenic (Lambert-Eaton) syndrome antigen B

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cardiac muscle contraction](#)

- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [MAPK signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Migraine without Aura](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)