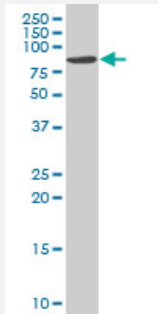


CACNB2 polyclonal antibody (A01)

Catalog # H00000783-A01

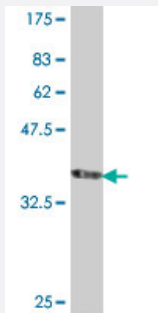
Size 50 uL

Applications



Western Blot (Cell lysate)

CACNB2 polyclonal antibody (A01), Lot # 051207JC01 Western Blot analysis of CACNB2 expression in Jurkat (Cat # L017V1).



Western Blot detection against Immunogen (35.9 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CACNB2.
Immunogen	CACNB2 (NP_963890, 213 a.a. ~ 301 a.a) partial recombinant protein with GST tag.
Sequence	PSSRKSTPPSSAIDIDATGLDAEENDIPANHRSPKPSANSVTSPHSKEKRMPPFFKKTEHTPPYDV VPSMRPVVLVGPSLKGYEVTMMQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (35.9 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CACNB2 polyclonal antibody (A01), Lot # 051207JC01 Western Blot analysis of CACNB2 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CACNB2

Entrez GeneID

[783](#)

GeneBank Accession#

[NM_201596](#)

Protein Accession#

[NP_963890](#)

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

Publication Reference

- [Using brain cell-type-specific protein interactomes to interpret neurodevelopmental genetic signals in schizophrenia.](#)

Yu-Han H Hsu, Greta Pintacuda, Ruize Liu, Eugeniu Nacu, April Kim, Kalliopi Tsafo, Natalie Petrossian, William Crotty, Jung Min Suh, Jackson Riseman, Jacqueline M Martin, Julia C Biagini, Daya Mena, Joshua K T Ching, Edyta Malolepsza, Taibo Li, Tarjinder Singh, Tian Ge, Shawn B Egri, Benjamin Tanenbaum, Caroline R Standliff, Annie M Apffel; Schizophrenia Working Group of the Psychiatric Genomics Consortium; Stanley Global Asia Initiatives; Steven A Carr, Monica Schenone, Jake Jaffe, Nadine Forn

iScience 2023 Apr; 26(5):106701.

Application: WB-Ce, WB-Ti, Human, Mouse, HEK293, K562 cells, Mouse cortex, induced neurons cells, induced pluripotent stem cells, neural progenitor cells, TF-1, U937 cells

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](#)