

Cacnb4 polyclonal antibody

Catalog # PAB14881

Size 25 ug

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of Cacnb4.

Immunogen A synthetic peptide corresponding to C-terminus of mouse Cacnb4.

Host Rabbit

Reactivity Mouse

Form Liquid

Recommend Usage ELISA (1 ug/mL)
Western Blot (1 ug/mL)
Immunocytochemistry (1-5 ug/mL)
Immunoprecipitation (5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.1% proclin, 2% Block Ace)

Storage Instruction Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunocytochemistry
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

Gene Info — Cacnb4

Entrez GeneID	12298
Gene Name	Cacnb4
Gene Alias	3110038O15Rik, Cchb4, MGC31529, lethargic, lh
Gene Description	calcium channel, voltage-dependent, beta 4 subunit
Gene Ontology	Hyperlink
Gene Summary	voltage-dependent
Other Designations	OTTMUSP00000013499 OTTMUSP00000013519

Publication Reference

- [RIM1 confers sustained activity and neurotransmitter vesicle anchoring to presynaptic Ca²⁺ channels.](#)

Kiyonaka S, Wakamori M, Miki T, Uriu Y, Nonaka M, Bito H, Beedle AM, Mori E, Hara Y, De Waard M, Kanagawa M, Itakura M, Takahashi M, Campbell KP, Mori Y.

Nature Neuroscience 2007 Jun; 10(6):691.

- [RIM1alpha forms a protein scaffold for regulating neurotransmitter release at the active zone.](#)

Schoch S, Castillo PE, Jo T, Mukherjee K, Geppert M, Wang Y, Schmitz F, Malenka RC, Sudhof TC.

Nature 2002 Jan; 415(6869):321.

Application: WB-Ti, Mouse, Mouse brains