

Cacna1b polyclonal antibody

Catalog # PAB9794

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Cacna1b.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to rat Cacna1b.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
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

Gene Info — Cacna1b

Entrez GeneID	257648
Gene Name	Cacna1b
Gene Alias	-

Gene Description	calcium channel, voltage-dependent, N type, alpha 1B subunit
Gene Ontology	Hyperlink
Gene Summary	calcium channel
Other Designations	voltage gated N-type calcium channel Ca(v)2.2

Publication Reference

- [The C terminus of the Ca channel alpha1B subunit mediates selective inhibition by G-protein-coupled receptors.](#)
Simen AA, Lee CC, Simen BB, Bindokas VP, Miller RJ.
J Neurosci 2001 Oct; 21(19):7587.

Application: IF, IP, WB, Human, tsA-201 cells
- [Differential phosphorylation of two size forms of the N-type calcium channel alpha 1 subunit which have different COOH termini.](#)
Hell JW, Appleyard SM, Yokoyama CT, Warner C, Catterall WA.
The Journal of Biological Chemistry 1994 Mar; 269(10):7390.
- [Molecular cloning of the alpha-1 subunit of an omega-conotoxin-sensitive calcium channel.](#)
Dubel SJ, Starr TV, Hell J, Ahljianian MK, Enyeart JJ, Catterall WA, Snutch TP.
PNAS 1992 Jun; 89(11):5058.

Application: IP, Rat, Rat brains