



Anti- Cav1b (voltage-dependent L-type calcium channel alpha-1 subunit isoform b) Polyclonal Antibody

Category: Polyclonal Antibody

Catalog #: AB3G241

Species Reactivity: Great Pond Snail (*Lymnaea stagnalis*)

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of Great Pond Snail (*Lymnaea stagnalis*) Cav1b (voltage-dependent L-type calcium channel alpha-1 subunit isoform b)

Description: Cav1b (voltage-dependent L-type calcium channel alpha-1 subunit isoform b) mediates entry of calcium ions into excitable cells. Cav1b contains multiple Ion_trans domains which are Ion transport protein and also contains transmembrane domain I segment 1,2,3,4,5,6 helix, transmembrane domain II segment 1,2,3,4,5,6 helix, transmembrane domain III segment 1,2,3,4,5,6 helix, transmembrane domain IV segment 1,2,3,4,5,6 helix, which are voltage sensor and transmembrane domain I P-loop, transmembrane domain II P-loop, transmembrane domain III P-loop, which are lining of ion-selective pore, as well as Glu(-) residue of the selectivity filter and I-II cytoplasmic linker, II-III cytoplasmic linker and III-IV cytoplasmic linker.

Reference:

Spafford, J.D., et al, J. Biol. Chem. 278 (6), 4258-4267 (2003)

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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com