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## CACNA1C Antibody Blocking Peptide

Catalog Number: bs-2806P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The receptor for the 1,4-dihydropyridine (DHP) class of  $\text{Ca}^{2+}$  channel is most abundant in the transverse tubular membranes of skeletal muscle. DHP is essential in excitation-contraction (E-C) coupling and has been proposed to have a dual function as a calcium channel and voltage sensor. Skeletal muscle DHP consists of four subunits:  $\alpha 1$  (170kDa);  $\alpha 2$  (175kDa non-reduced, 150kDa reduced);  $\beta$  (52kDa) and  $\gamma$  (32kDa).