

# Phospho-Cacna1c-S1927 Rabbit pAb

Catalog No.: AP0092

## Basic Information

### Observed MW

Refer to Figures

### Calculated MW

236-252kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables enzyme binding activity; voltage-gated calcium channel activity involved in cardiac muscle cell action potential; and voltage-gated ion channel activity involved in regulation of postsynaptic membrane potential. Involved in positive regulation of adenylate cyclase activity. Acts upstream of or within several processes, including adult walking behavior; regulation of blood circulation; and secretion by cell. Located in several cellular components, including T-tubule; Z disc; and dendritic shaft. Part of caveolar macromolecular signaling complex. Is expressed in several structures, including central nervous system; eye; genitourinary system; gut; and heart. Used to study Timothy syndrome. Human ortholog(s) of this gene implicated in Brugada syndrome 3 and Timothy syndrome. Orthologous to human CACNA1C (calcium voltage-gated channel subunit alpha1 C).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

12288

### Swiss Prot

### Immunogen

A phospho specific peptide corresponding to residues surrounding serine1927 of mouse Cav1.2

### Synonyms

MBC; Cav1.2; Cchl1a1; MELC-CC; D930026N18Rik; Phospho-Cacna1c-S1927

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.