

CACNA1S Rabbit pAb

Catalog No.: A23062

Basic Information

Observed MW

Refer to figures

Calculated MW

212kDa

Category

Primary antibody

Applications

IF/ICC,ELISA

Cross-Reactivity

Mouse, Rat

Background

This gene encodes one of the five subunits of the slowly inactivating L-type voltage-dependent calcium channel in skeletal muscle cells. Mutations in this gene have been associated with hypokalemic periodic paralysis, thyrotoxic periodic paralysis and malignant hyperthermia susceptibility.

Recommended Dilutions

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

779

Swiss Prot

Q13698

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 900-1000 of human CACNA1S. (NP_000060.2).

Synonyms

MHS5; DHPRM; HOKPP; TTPP1; CMYP18; Cav1.1; HOKPP1; hypoPP; CCHL1A3; CACNL1A3; CACNA1S

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

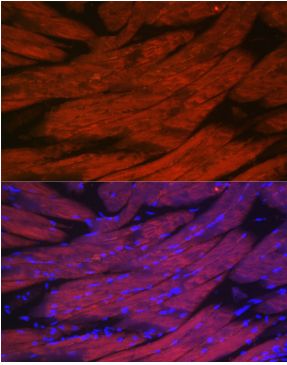
Affinity purification

Storage

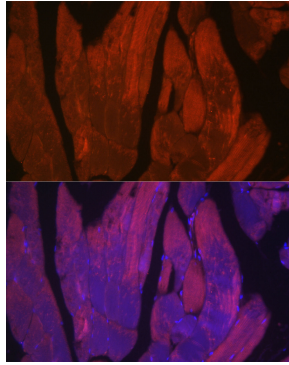
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of paraffin-embedded mouse skeletal muscle using CACNA1S Rabbit pAb (A23062) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat skeletal muscle using CACNA1S Rabbit pAb (A23062) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.