

Rabbit anti-Mouse, Rat CACNA1S Polyclonal Antibody | anti-CACNA1S antibody

CACNA1S Rabbit pAb

CATALOG # AAA282422	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

CACNA1S; Polyclonal Antibody; CACNA1S Rabbit pAb; MHS5; DHPRM; HOKPP; TTPP1; CMYP18; Cav1.1; HOKPP1; hypoPP; CCHL1A3; CACNL1A3; anti-CACNA1S antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-CACNA1S antibody	ICC (Immunocytochemistry), IF (Immunofluorescence)
Research Area	Signal Transduction, Neuroscience, Calcium Signaling, Neurodegenerative Diseases
Immunogen	Recombinant protein of human CACNA1S.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of rat skeletal muscle cells using CACNA1S Rabbit pAb (AAA282422) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of mouse skeletal muscle cells using CACNA1S Rabbit pAb (AAA282422) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CACNA1S antibody	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.
Product Categories/Family for anti-CACNA1S antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349767
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NCBI GeneID	779
NCBI Accession #	NP_000060
NCBI GenBank Nucleotide #	NM_000069
UniProt Accession #	Q13698; Q12896; Q13934; A4IF51; B1ALM2
Molecular Weight	212,350 Da
NCBI Official Full Name	voltage-dependent L-type calcium channel subunit alpha-1S
NCBI Official Synonym Full Names	calcium channel, voltage-dependent, L type, alpha 1S subunit
NCBI Official Symbol	CACNA1S
NCBI Official Synonym Symbols	MHS5; HOKPP; TTPP1; Cav1.1; HOKPP1; hypoPP; CCHL1A3; CACNL1A3
NCBI Protein Information	voltage-dependent L-type calcium channel subunit alpha-1S; calcium channel, L type, alpha 1 polypeptide, isoform 3 (skeletal muscle, hypokalemic periodic paralysis); dihydropyridine receptor; dihydropyridine-sensitive L-type calcium channel alpha-1 subuni
UniProt Protein Name	Voltage-dependent L-type calcium channel subunit alpha-1S
UniProt Gene Name	CACNA1S
UniProt Synonym Gene Names	CACH1; CACN1; CACNL1A3
UniProt Entry Name	CAC1S_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cacna1s-antibody-immunocytochemistry-immunofluorescence-elisa/282422>