

Rabbit anti-Human Voltage-dependent calcium channel subunit alpha-2/delta-1 Polyclonal Antibody | anti-CACNA2D1 antibody

Rabbit anti-human Voltage-dependent calcium channel subunit alpha-2/delta-1 polyclonal Antibody

CATALOG # AAA118327	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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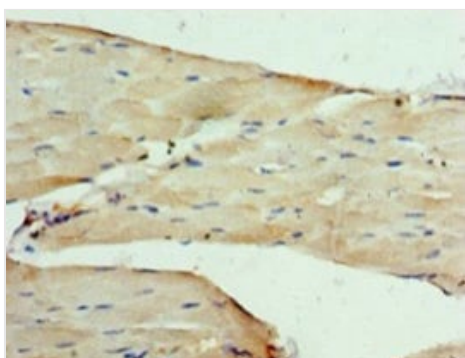
PRODUCT SYNONYMS

Voltage-dependent calcium channel subunit alpha-2/delta-1; Polyclonal Antibody; Rabbit anti-human Voltage-dependent calcium channel subunit alpha-2/delta-1 polyclonal Antibody; Voltage-gated calcium channel subunit alpha-2/delta-1; CACNL2A; CCHL2A; MHS3; CACNA2D1; anti-CACNA2D1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	1091
Applicable Applications for anti-CACNA2D1 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Voltage-dependent calcium channel subunit alpha-2/delta-1 protein(528-668aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-104119 / sc-104118 / sc-133436 / sc-98693
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA118327 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CACNA2D1 antibody	The alpha-2/delta subunit of voltage-dependent calcium channels regulates calcium current density and activation/inactivation kinetics of the calcium channel. Plays an important role in excitation-contraction coupling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54112390
NCBI GeneID	781
NCBI Accession #	NP_000713.2
NCBI GenBank Nucleotide #	NM_000722.3
UniProt Accession #	P54289; Q17R45; Q9UD80; Q9UD81; Q9UD82
Molecular Weight	122,443 Da
NCBI Official Full Name	voltage-dependent calcium channel subunit alpha-2/delta-1 preproprotein
NCBI Official Synonym Full Names	calcium voltage-gated channel auxiliary subunit alpha2delta 1
NCBI Official Symbol	CACNA2D1
NCBI Official Synonym Symbols	CACNA2; CCHL2A; CACNL2A; LINC01112; lncRNA-N3
NCBI Protein Information	voltage-dependent calcium channel subunit alpha-2/delta-1
UniProt Protein Name	Voltage-dependent calcium channel subunit alpha-2/delta-1
UniProt Gene Name	CACNA2D1
UniProt Synonym Gene Names	CACNL2A; CCHL2A; MHS3
UniProt Entry Name	CA2D1_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/voltage-dependent-calcium-channel-subunit-alpha-2-delta-1-antibody-immunohistochemistry-elisa/118327>