

Rabbit anti-Human CACNA1C Polyclonal Antibody | anti-CACNA1C antibody

CACNA1C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233996	Rabbit	Human	Immunohistochemistry, ELISA

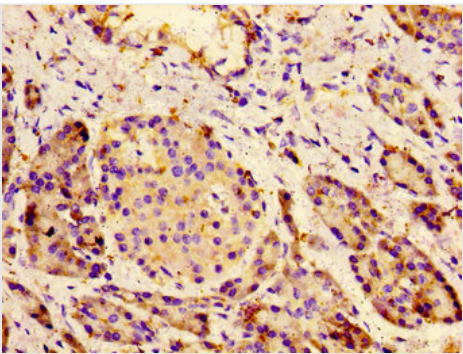
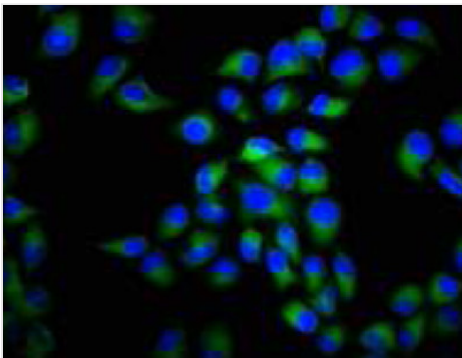
PRODUCT SYNONYMS

CACNA1C; Polyclonal Antibody; CACNA1C Antibody; Voltage-dependent L-type calcium channel subunit alpha-1C; Calcium channel; L type; alpha-1 polypeptide; isoform 1; cardiac muscle; Voltage-gated calcium channel subunit alpha Cav1.2; CACH2; CACN2; CACNL1A1; CCHL1A1; anti-CACNA1C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	2138
Applicable Applications for anti-CACNA1C antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Voltage-dependent L-type calcium channel subunit alpha-1C protein (1755-1971AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Neuroscience
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of HeLa cells with AAA233996 at 1:266, counter- stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA233996 at dilution of 1:100

ADDITIONAL INFORMATION

Product Categories/Family for anti-CACNA1C antibody	Neuroscience; Cancer; Cardiovascular; Metabolism; Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120433602
NCBI GeneID	775
NCBI Accession #	NP_000710.5
NCBI GenBank Nucleotide #	NM_000719.6
UniProt Accession #	Q13936; Q13917; Q13918; Q13919; Q13920; Q13921; Q13922; Q13923; Q13924; Q13925; B2RUT3; E9PDJ0
NCBI Official Full Name	voltage-dependent L-type calcium channel subunit alpha-1C isoform 18
NCBI Official Synonym Full Names	calcium voltage-gated channel subunit alpha1 C
NCBI Official Symbol	CACNA1C
NCBI Official Synonym Symbols	TS; LQT8; CACH2; CACN2; CaV1.2; CCHL1A1; CACNL1A1
NCBI Protein Information	voltage-dependent L-type calcium channel subunit alpha-1C
UniProt Protein Name	Voltage-dependent L-type calcium channel subunit alpha-1C
UniProt Gene Name	CACNA1C
UniProt Synonym Gene Names	CACH2; CACN2; CACNL1A1; CCHL1A1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cacna1c-antibody-immunohistochemistry-elisa/233996>