

Rabbit CACNA1C Polyclonal Antibody | anti-CACNA1C antibody

CACNA1C Polyclonal Antibody

CATALOG # AAA168244	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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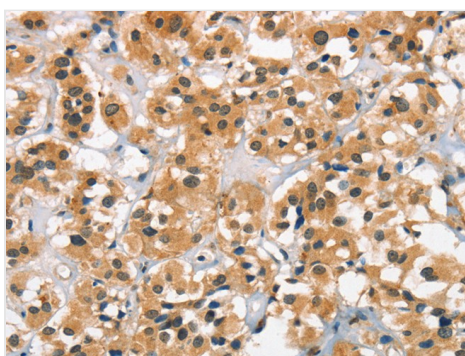
PRODUCT SYNONYMS

CACNA1C; Polyclonal Antibody; CACNA1C Polyclonal Antibody; TS; LQT8; CACH2; CACN2; CaV1.2; CCHL1A1; CACNL1A1; anti-CACNA1C antibody

PRODUCT SPECIFICATIONS

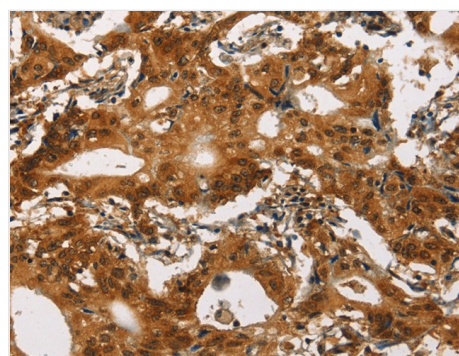
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.2mg/mL (varies by lot)
Sequence Length	2135
Applicable Applications for anti-CACNA1C antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human CACNA1C
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CACNA1C Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CACNA1C Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-CACNA1C antibody	This gene encodes an alpha-1 subunit of a voltage-dependent calcium channel. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization. The alpha-1 subunit consists of 24 transmembrane segments and forms the pore through which ions pass into the cell. The calcium channel consists of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. There are multiple isoforms of each of these proteins, either encoded by different genes or the result of alternative splicing of transcripts. The protein encoded by this gene binds to and is inhibited by dihydropyridine. Alternative splicing results in many transcript variants encoding different proteins. Some of the predicted proteins may not produce functional ion channel subunits.
Product Categories/Family for anti-CACNA1C antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	187955897
NCBI GeneID	775
Molecular Weight	239,704 Da
NCBI Official Full Name	CACNA1C protein
NCBI Official Synonym Full Names	calcium channel, voltage-dependent, L type, alpha 1C subunit
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; DHPR, alpha-1 subunit; calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle; calcium channel, cardiac dihydropyridine-sensitive, alpha-1 subunit; voltage-dependent L-type Ca2+ channel alpha 1 subunit; voltage-gated L-type calcium channel Cav1.2 alpha 1 subunit, splice variant 10*
UniProt Protein Name	Voltage-dependent L-type calcium channel subunit alpha-1C
UniProt Gene Name	CACNA1C
UniProt Synonym Gene Names	CACH2; CACN2; CACNL1A1; CCHL1A1
UniProt Entry Name	CAC1C_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/cacna1c-antibody-immunohistochemistry-elisa/168244>