

Datasheet for ABIN335125
anti-CACNA1C antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CACNA1C
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CACNA1C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CACNA1C
Immunogen:	Peptide with sequence C-RARGRPSEEEELQD, from the C Terminus of the protein sequence according to NP_000710.5, NP_955630.2, NP_001161097.1, NP_001123299.1, NP_001123301.1, NP_001161096.1, NP_001123302.1, NP_001123303.1 and more.
Sequence:	RARGRPSEEE LQD
Isotype:	IgG
Specificity:	This antibody is expected to recognise all reported human isoforms.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target:	CACNA1C
Alternative Name:	CACNA1C (CACNA1C Products)
Background:	CACNA1C, calcium channel, voltage-dependent, L type, alpha 1C subunit, CACH2, CACN2, CACNL1A1, CCHL1A1, CaV1.2, MGC120730, TS, DHPR, alpha-1 subunit, calcium channel, L type, alpha 1 polypeptide, isoform 1, cardiac muscle, calcium channel, cardiac dihydropy
Gene ID:	775
NCBI Accession:	NP_000710 , NP_955630 , NP_001161097 , NP_001123299 , NP_001123301 , NP_001161096 , NP_001123302
Pathways:	Hormone Transport , Carbohydrate Homeostasis

Application Details

Application Notes:	Western Blot: Approx. 200 kDa band observed in Human Heart lysate (calculated MW of 240 kDa according to NP_000710.5). Recommended concentration: 1.0-3.0 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

Images



Western Blotting

Image 1. ABIN335125 (1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Image 2. EB08821 (0.5µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.