

Datasheet for ABIN570785
anti-CACNA1G antibody (Internal Region)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CACNA1G
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CACNA1G antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	CACNA1G
Immunogen:	Peptide with sequence C-AEEISKREDASGQLS, from the internal region of the protein sequence according to NP_061496.2, NP_938192.1, NP_938194.1, NP_938198.1, NP_938199.1, NP_938200.1, NP_938407.1.
Sequence:	AEEISKREDA SGQLS
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_061496.2), 4 (NP_938199.1), 5 (NP_938194.1), 8 (NP_938198.1), 9 (NP_938192.1), 10 (NP_938200.1) and isoform 15 (NP_938407.1).
Cross-Reactivity:	Cow, Dog, Human, Rat

Product Details

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Grade: Recent

Target Details

Target: CACNA1G

Alternative Name: CACNA1G ([CACNA1G Products](#))

Background: CACNA1G, calcium channel, voltage-dependent, T type, alpha 1G subunit, Ca(V)T.1, Cav3.1, MGC117234, NBR13,

Gene ID: 8913, 29717

NCBI Accession: [NP_061496](#), [NP_938192](#), [NP_938194](#), [NP_938198](#), [NP_938199](#), [NP_938200](#), [NP_938407](#)

Application Details

Application Notes: Western Blot: Preliminary experiments in Human Brain lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback from people in the field - have any results been reported with other antibo
Peptide ELISA: antibody detection limit dilution 1:32000.

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.