

Datasheet for ABIN6137823
anti-CACNG1 antibody (AA 30-110)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CACNG1
Binding Specificity:	AA 30-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 30-110 of human CACNG1 (NP_000718.1).
Sequence:	DHWAVLSPHM EHHNTTCEAA HFGLWRICK RIPMDDSKTC GPITLPGEKN CSYFRHFNPG ESSEIFEFTT QKEYSISAAA I
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

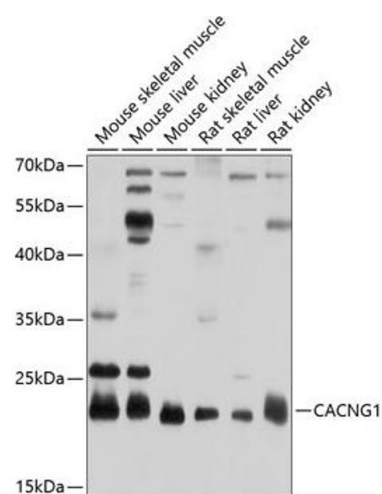
Target:	CACNG1
Alternative Name:	CACNG1 (CACNG1 Products)
Background:	Voltage-dependent calcium channels are composed of five subunits. The protein encoded by this gene represents one of these subunits, gamma, and is one of two known gamma subunit proteins. This particular gamma subunit is part of skeletal muscle 1,4-dihydropyridine-sensitive calcium channels and is an integral membrane protein that plays a role in excitation-contraction coupling. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members that function as transmembrane AMPA receptor regulatory proteins (TARPs).,CACNG1,CACNLG,Neuroscience,Calcium Signaling,CACNG1
Molecular Weight:	25 kDa
Gene ID:	786
UniProt:	Q06432

Application Details

Application Notes:	WB,1:1000 - 1:4000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using C antibody (ABIN6130025, ABIN6137823, ABIN6137824 and ABIN6214115) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.