

Datasheet for ABIN390567
anti-CACNG5 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	CACNG5
Binding Specificity:	AA 192-220, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This CACNG5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-220 amino acids from the C-terminal region of human CACNG5.
Clone:	RB19747
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	CACNG5
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Target Details

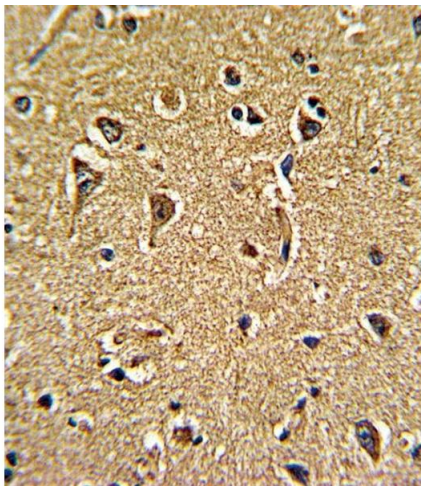
Alternative Name:	CACNG5 (CACNG5 Products)
Background:	L-type calcium channels are composed of five subunits. The protein CACNG5 represents one of these subunits, gamma, and is one of several gamma subunit proteins. It is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state.
Molecular Weight:	30903
Gene ID:	27091
NCBI Accession:	NP_665810
UniProt:	Q9UF02

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

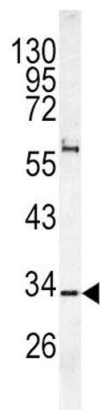
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



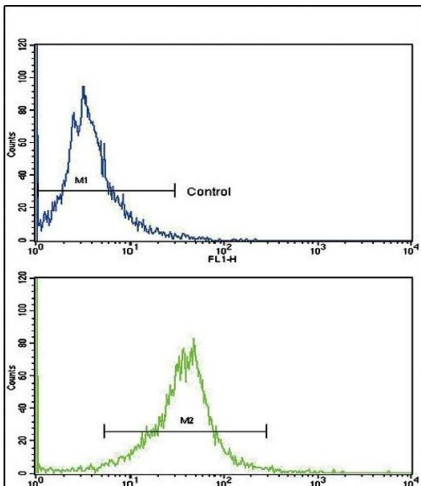
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with CACNG5 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of CACNG5 antibody (C-term) (ABIN390567 and ABIN2840896) in K562 cell line lysates (35 µg/lane). CACNG5 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. Flow cytometric analysis of K562 cells using CACNG5 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.