

CACNG1 Antibody

Catalog No: #35143

Package Size: #35143-1 50ul #35143-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

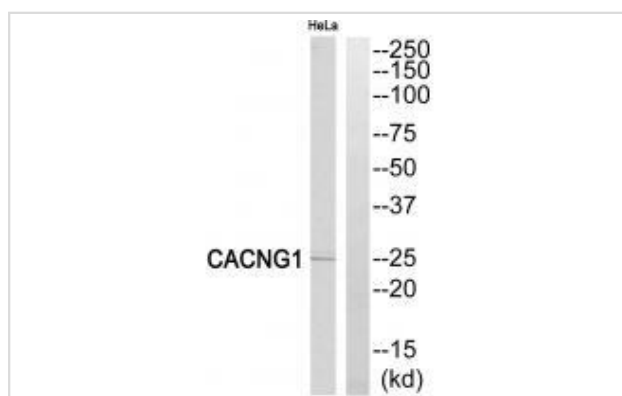
Description

Product Name	CACNG1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CACNG1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CACNG1.
Target Name	CACNG1
Other Names	Voltage-dependent calcium channel gamma-1 subunit; Dihydropyridine-sensitive L-type; skeletal muscle calcium channel subunit gamma; CACNG1;
Accession No.	Swiss-Prot: Q06432NCBI Gene ID: 786
Uniprot	Q06432
GeneID	786;
SDS-PAGE MW	25kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HeLa cells, using CACNG1 antibody #35143.

Background

This protein is a subunit of the dihydropyridine (DHP) sensitive calcium channel. Plays a role in excitation-contraction coupling. The skeletal muscle DHP-sensitive Ca²⁺ channel may function only as a multiple subunit complex.

Ota T., Nat. Genet. 36:40-45(2004).

Powers P.A., J. Biol. Chem. 268:9275-9279(1993).

Mural R.J., Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only