antibodies - online.com







anti-CACNG5 antibody (Center)



Image



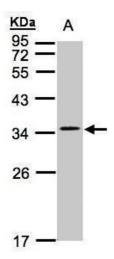
Overview

Quantity:	100 μL
Target:	CACNG5
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human CACNG5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	mouse (91 %), Rat (91 %)
Characteristics:	Rabbit Polyclonal antibody to Cav gamma 5 Cav gamma 5 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	CACNG5
Alternative Name:	Cav gamma 5 (CACNG5 Products)
Background:	L-type calcium channels are composed of five subunits. The protein encoded by this gene 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. This gene is a member of the neuronal calcium channel gamma subunit gene subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two similar gamma subunit-encoding genes. Two transcript variants encoding different isoforms have been found for this gene.
	Cellular Localization: Membrane
Molecular Weight:	31 kDa
Gene ID:	27091
Application Details	
Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample(30 ug whole cell lysate) A:Hep G2, 12% SDS PAGE antibody diluted at 1:1000