antibodies - online.com







anti-CACNG6 antibody (Middle Region)



Images



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0.0		
Quantity:	0.4 mL	
Target:	CACNG6	
Binding Specificity:	AA 115-144, Middle Region	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CACNG6 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		
lmmunogen:	KLH conjugated synthetic peptide between 115-144 amino acids from the Central region of human CACNG6	
Isotype:	lg Fraction	
Specificity:	This antibody reacts to CACNG6.	
Cross-Reactivity (Details):	Species reactivity (tested):Human.	
Purification:	Affinity chromatography on Protein A	
Target Details		
Target:	CACNG6	

Precaution of Use:

Handling Advice:

Storage Comment:

Storage:

Target Details			
Alternative Name:	CACNG6 (CACNG6 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 an integral membrane protein that is thought to		
	stabilize the calcium channel in an inactive (closed) state. 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). Alternative splicing results in multiple transcript variants. Variants in this		
	gene have been associated with aspirin-intolerant asthma. Synonyms: Neuronal voltage-gated		
	calcium channel gamma-6 subunit, Voltage-dependent calcium channel gamma-6 subunit		
Molecular Weight:	28129 Da		
Gene ID:	59285		
NCBI Accession:	NP_114103		
Application Details			
Application Notes:	Optimal working dilution should be determined by the investigator.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.25 mg/mL		
Buffer:	PBS, 0.09 % (W/V) sodium azide.		
Preservative:	Sodium azide		
Preservative:	Sodium azide		

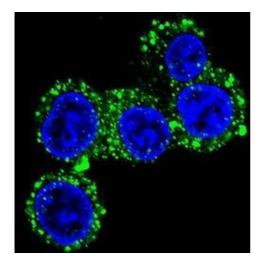
should be handled by trained staff only.

Avoid repeated freezing and thawing.

4 °C/-20 °C

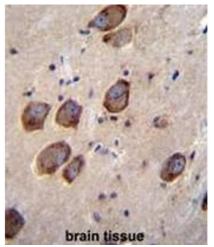
This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Confocal immunofluorescent analysis of CACNG6 Antibody (Center)(Cat#AP50707PU-N) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. CACNG6 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CACNG6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. CACNG6 Antibody (Center) western blot analysis in HepG2 cell line lysates (35µg/lane). This demonstrates the CACNG6 antibody detected the CACNG6 protein (arrow).