

CCG8 Polyclonal Antibody

Catalog No :	YN1524
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	CCG8
Fields :	>>MAPK signaling pathway;>>Cardiac muscle contraction;>>Adrenergic signaling in cardiomyocytes;>>Oxytocin signaling pathway;>>Hypertrophic cardiomyopathy;>>Arrhythmogenic right ventricular cardiomyopathy;>>Dilated cardiomyopathy
Gene Name :	CACNG8 CACNG6
Protein Name :	Voltage-dependent calcium channel gamma-8 subunit (Neuronal voltage-gated calcium channel gamma-8 subunit) (Transmembrane AMPAR regulatory protein gamma-8) (TARP gamma-8)
Human Gene Id :	59283
Human Swiss Prot No :	Q8WXS5
Mouse Swiss Prot No :	Q8VHW2
Rat Swiss Prot No :	Q8VHW5
Immunogen :	Synthesized peptide derived from human protein . at AA range: 140-220
Specificity :	CCG8 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Observed Band : 46kD

Cell Pathway : MAPK_ERK_Growth;MAPK_G_Protein;Cardiac muscle contraction;Hypertrophic cardiomyopathy (HCM);Arrhythmogenic right ventricular cardiomyopathy (ARVC);Dilated cardiomyopathy;

Background : calcium voltage-gated channel auxiliary subunit gamma 8(CACNG8) Homo sapiens The protein encoded by this gene is a type I transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. 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, a type II TARP and a calcium channel gamma subunit. The mRNA for this gene is believed to initiate translation from a non-AUG (CUG) start codon. [provided by RefSeq, Dec 2010],

Function : function:Thought to stabilize the calcium channel in an inactivated (closed) state.,similarity:Belongs to the PMP-22/EMP/MP20 family. CACNG subfamily.,subunit:The L-type calcium channel is composed of five subunits: alpha-1, alpha-2/delta, beta and gamma.,

Subcellular Location : Cell membrane ; Multi-pass membrane protein . Cell junction, synapse, postsynaptic density membrane .

Expression : Detected in heart left ventricle.

Products Images

