

CAC1G Polyclonal Antibody

Cat No: HR1AP11586

For research use only

Overview

Product Name	CAC1G Polyclonal Antibody
Source	Rabbit
Applications	IHC-p
Species Reactivity	H,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	261kDa
GeneID?Human?	CACNA1G KIAA1123
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>calcium voltage-gated channel subunit alpha1 G(CACNA1G) Homo sapiens Voltage-sensitive calcium channels mediate the entry of calcium ions into excitable cells, and are also involved in a variety of calcium-dependent processes, including muscle contraction, hormone or neurotransmitter release, gene expression, cell motility, cell division, and cell death. This gene encodes a T-type, low-voltage activated calcium channel. The T-type channels generate currents that are both transient, owing to fast inactivation, and tiny, owing to small conductance. T-type channels are thought to be involved in pacemaker activity, low-threshold calcium spikes, neuronal oscillations and resonance, and rebound burst firing. Many alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Sep 2011],</p>