

# CaV $\alpha$ 2 $\delta$ 1 Polyclonal Antibody

Cat No: HR1AP9407

For research use only

## Overview

Product Name	CaV $\alpha$ 2 $\delta$ 1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p
Species Reactivity	Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	100-130kDa
GeneID?Human?	CACNA2D1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Voltage-dependent calcium channel subunit alpha-2/delta-1 (Voltage-gated calcium channel subunit alpha-2/delta-1) [Cleaved into: Voltage-dependent calcium channel subunit alpha-2-1; Voltage-dependent
Background	calcium voltage-gated channel auxiliary subunit alpha2delta 1(CACNA2D1) Homo sapiens The preproprotein encoded by this gene is cleaved into multiple chains that comprise the alpha-2 and delta subunits of the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization. Mutations in this gene can cause cardiac deficiencies, including Brugada syndrome and short QT syndrome. Alternate splicing results in multiple transcript variants, some of which may lack the delta subunit portion. [provided by RefSeq, Nov 2014],