KChIP1 Rabbit pAb

Cat No: HR1APEA304

For research use only

Overview

Product Name	KChIP1 Rabbit pAb
Source	Rabbit
Applications	IHC
Species Reactivity	Human,Mouse
Recommended Dilutions	IHC 1:100-200
Immunogen	
Species	Rabbit
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1mg/ml
Observed band	30kDakDa
GeneID?Human?	30820
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	KCNIP1,MGC9,MGC95,A type potassium channel modulatory protein 1
Background	Human K(v) channel interacting protein 1 (KCHIP1) is a new member of the neural calcium binding protein superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. KChIP1 is a neuronal calcium sensor protein that is predominantly expressed at GABAergic synapses and it has been related with modulation of K(+) channels, GABAergic transmission and cell death.