



Mouse anti-Rat KCNIP2 monoclonal antibody, clone T70-84 (CABT-B10500)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is specific to Kchip2.
Immunogen	Recombinant protein corresponding to full length of rat Kchip2.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	T70-84
Conjugate	Unconjugated
Applications	WB, IHC, IP
Format	Liquid
Buffer	In PBS, pH7.4 (50% glycerol, 0.09% sodium azide)
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	<p>This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs to the recoverin branch of the EF-hand 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</p>
---------------------	--

excitability, in response to changes in intracellular calcium. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene. [provided by RefSeq, Jul 2008]

Keywords	KCNIP2; Kv channel interacting protein 2; KCHIP2; Kv channel-interacting protein 2; potassium channel-interacting protein 2; A-type potassium channel modulatory protein 2; cardiac voltage-gated potassium channel modulatory subunit;
-----------------	---

GENE INFORMATION

Entrez Gene ID	56817
-----------------------	-----------------------

Function	calcium ion binding; calcium ion binding; identical protein binding; potassium channel activity; protein N-terminus binding; protein binding; voltage-gated ion channel activity;
-----------------	---
