

Datasheet

KCNIP2 monoclonal antibody (M01), clone 3E7

Catalog Number: H00030819-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant KCNIP2.

Clone Name: 3E7

Immunogen: KCNIP2 (AAH34685, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MRGQGRKESLSDSRDLGSDYDQLTGHPGPTKKALK
QRFLKLLPCCGPQALPSVSENSVDDEFELSTVCHRPE
GLEQLQEQTKFTRKELQVLYRGFKNEC

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, RNAi-Ab, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 30819

Gene Symbol: KCNIP2

Gene Alias: DKFZp566L1246, KCHIP2, MGC17241

Gene Summary: 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 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]