

## Datasheet

### KCNIP1 MaxPab mouse polyclonal antibody (B01)

**Catalog Number:** H00030820-B01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length human KCNIP1 protein.

**Immunogen:** KCNIP1 (AAH50375, 1 a.a. ~ 216 a.a)  
full-length human protein.

**Sequence:**

MGAVMGTFSSLQTKQRRPSKDKIEDELEMTMVCHRP  
EGLEQLEAQTNFTKRELQVLYRGFKNECPSGVVNEDT  
FKQIYAQFFPHGDASTYAHYLFNAFDTTQTGSVKFEDF  
VTALSILLRGTVHEKLRWTFNLYDINKDGYINKEEMMDI  
VKAIYDMMGKYTYPVLKEDTPRQHVDVFFQKMDKNK  
DGIVTLDEFLESCQEDDNIMRSLQLFQNVN

**Host:** Mouse

**Reactivity:** Human

**Applications:** 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

**Storage Buffer:** No additive

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

**Entrez GeneID:** 30820

**Gene Symbol:** KCNIP1

**Gene Alias:** KCHIP1, MGC95, VABP

**Gene Summary:** This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong 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. Alternative splicing results in multiple transcript variant encoding different isoforms. [provided by RefSeq]