

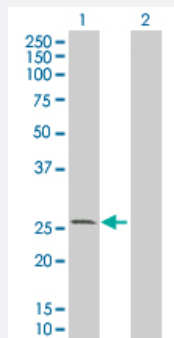
MaxPab®

# KCNIP1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00030820-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of KCNIP1 expression in transfected 293T cell line ([H00030820-T01](#)) by KCNIP1 MaxPab polyclonal antibody.

Lane 1: KCNIP1 transfected lysate (23.87 kDa).

Lane 2: Non-transfected lysate.

## Specification

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	MGAVMGTFSSLQTKQRRPSKDKIEDELEMTMVCHRPEGLEQLEAQTNFTKRELQVL YRGFKNEC PSGVVNEDTFKQIYAQFFPHGDASTYAHYLFNAFDTTQTGSVKFEDFVTALSILLRGTVHEKLRWT FNLYDINKDGYINKEEMMDIVKAYDMMGKYTPVLKEDTPRQHVDVFFQKMDKNKDGIVTLDEFL ESCQEDDNIMRSLQLFQNVN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — KCNIP1

Entrez GeneID [30820](#)

GeneBank Accession# [BC050375](#)

Protein Accession# [AAH50375](#)

Gene Name KCNIP1

Gene Alias KCHIP1, MGC95, VABP

Gene Description Kv channel interacting protein 1

Omim ID [604660](#)

Gene Ontology [Hyperlink](#)

**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]

**Other Designations** A-type potassium channel modulatory protein 1|potassium channel interacting protein 1|vesicle A PC-binding protein

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)