

# KCNIP2 rabbit monoclonal antibody

Catalog # H00030819-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human KCNIP2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human KCNIP2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human KCNIP2 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — KCNIP2

Entrez GeneID [30819](#)

GeneBank Accession# [KCNIP2](#)

Gene Name KCNIP2

Gene Alias DKFZp566L1246, KCHIP2, MGC17241

Gene Description Kv channel interacting protein 2

Omim ID [604661](#)

Gene Ontology [Hyperlink](#)

**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]

**Other Designations** A-type potassium channel modulatory protein 2|Kv channel-interacting protein 2|OTTHUMP00000020332|OTTHUMP00000020333|OTTHUMP00000020336|OTTHUMP00000020337|OTTHUMP00000020339|OTTHUMP00000020340|cardiac voltage gated potassium channel modulatory subunit|pot

## Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)