

## KCNIP2

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**31kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human KCNIP2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

KCHIP2;

**Catalog #:**A7100

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**30819

**Isotype:**IgG

**Swiss Prot:**Q9NS61

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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