

**Anti-KCNIP2 / KCHIP2 Antibody (N-Terminus)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18472****Specification**

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**Anti-KCNIP2 / KCHIP2 Antibody (N-Terminus) -  
Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | <b>WB, IHC-P</b>       |
| Primary Accession | <a href="#">Q9NS61</a> |
| Predicted         | <b>Human</b>           |
| Host              | <b>Rabbit</b>          |
| Clonality         | <b>Polyclonal</b>      |
| Isotype           | <b>IgG</b>             |
| Calculated MW     | <b>30907</b>           |

**Anti-KCNIP2 / KCHIP2 Antibody (N-Terminus) -  
Additional Information****Gene ID** 30819**Alias Symbol** **KCNIP2****Other Names**

KCNIP2, KCHIP2

**Target/Specificity**

Human KChIP2 protein. Predicted to react with mouse KChIP2 protein according to sequence homology.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-KCNIP2 / KCHIP2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-KCNIP2 / KCHIP2 Antibody (N-Terminus) -  
Protein Information****Name** KCNIP2**Synonyms** KCHIP2**Function**

Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Modulates channel density, inactivation kinetics and rate of recovery from inactivation in a

calcium-dependent and isoform-specific manner. In vitro, modulates KCND2/Kv4.2 and KCND3/Kv4.3 currents. Involved in KCND2 and KCND3 trafficking to the cell surface. May be required for the expression of I(To) currents in the heart (By similarity).

**Cellular Location**

[Isoform 1]: Cell membrane

{ECO:0000250|UniProtKB:Q9JM59};

Lipid-anchor

{ECO:0000250|UniProtKB:Q9JM59}.

Note=Detected on lipid rafts (By similarity).

{ECO:0000250|UniProtKB:Q9JM59} [Isoform

6]: Cell membrane

{ECO:0000250|UniProtKB:Q9JM59};

Lipid-anchor

{ECO:0000250|UniProtKB:Q9JM59}

**Tissue Location**

Expressed in brain. Colocalizes with KCND2 in excitatory neurons including cortical and hippocampal CA1 pyramidal cells. Isoform 3 is expressed in heart and in umbilical vein endothelial cells. Not expressed in fetal heart

**Anti-KCNIP2 / KCHIP2 Antibody  
(N-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)