

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

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

Application	WB, IHC-P
Primary Accession	Q9NS61
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	30907

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](#)

Anti-KCNIP2 / KCHIP2 Antibody (N-Terminus) - Images