

KCNIP4 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10698**Specification**

KCNIP4 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q6PIL6
Other Accession	NM_025221 , NP_079497
Reactivity	Human, Mouse, Rat, Rabbit, Bovine, Dog
Predicted	Human, Mouse, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29kDa KDa

KCNIP4 antibody - N-terminal region - Additional Information**Gene ID** 80333**Alias Symbol** CALP, KCHIP4**Other Names**

Kv channel-interacting protein 4, KCHIP4, A-type potassium channel modulatory protein 4, Calsenilin-like protein, Potassium channel-interacting protein 4, KCNIP4, CALP, KCHIP4

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-KCNIP4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

KCNIP4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

KCNIP4 antibody - N-terminal region - Protein Information**Name** KCNIP4**Synonyms** CALP, KCHIP4**Function**

Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Modulates KCND2 channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner (PubMed:11847232, PubMed:18957440, PubMed:23576435). Modulates

KCND3/Kv4.3 currents (PubMed:23576435). Isoform 4 does not increase KCND2 expression at the cell membrane (PubMed:18957440). Isoform 4 retains KCND3 in the endoplasmic reticulum and negatively regulates its expression at the cell membrane.

Cellular Location

Cell membrane; Peripheral membrane protein. Cytoplasm. Peroxisome

Tissue Location

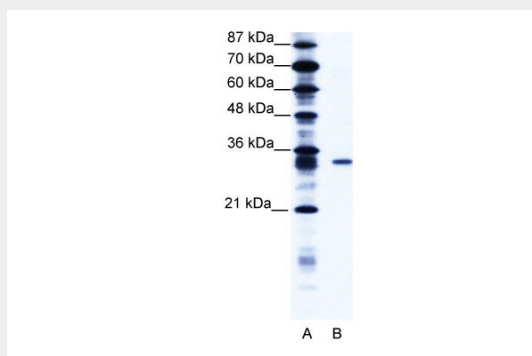
Predominantly expressed in brain.

KCNIP4 antibody - N-terminal region - 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](#)

KCNIP4 antibody - N-terminal region - Images



WB Suggested Anti-KCNIP4 Antibody Titration: 1.25 µg/ml
Positive Control: Jurkat Whole Cell