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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

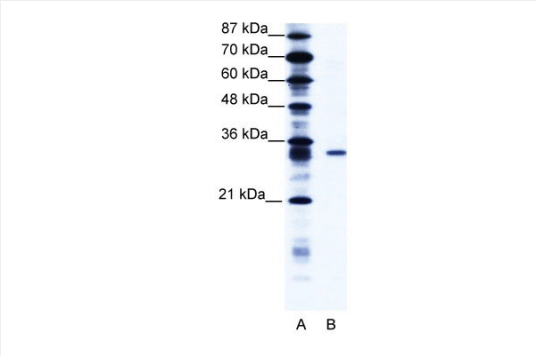
Tissue Location
Predominantly expressed in brain.

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 Cytomety
- Cell Culture

KCNIP4 antibody - N-terminal region - Images



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