

KCHIP1 Antibody Blocking peptide
Catalog # BP6346a**Specification**

KCHIP1 Antibody Blocking peptide - Product InformationPrimary Accession [Q9NZI2](#)**KCHIP1 Antibody Blocking peptide - Additional Information****Gene ID** 30820**Other Names**

Kv channel-interacting protein 1, KChIP1, A-type potassium channel modulatory protein 1, Potassium channel-interacting protein 1, Vesicle APC-binding protein, KCNIP1, KCHIP1, VABP

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KCHIP1 Antibody Blocking peptide - Protein Information**Name** KCNIP1**Synonyms** KCHIP1, VABP**Function**

Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Regulates channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner. In vitro, modulates KCND1/Kv4.1 and KCND2/Kv4.2 currents. Increases the presence of KCND2 at the cell surface.

Cellular Location

Cell membrane; Peripheral membrane protein. Cytoplasm. Cell projection, dendrite {ECO:0000250|UniProtKB:Q8R426}

Tissue Location

Isoform 1 and isoform 2 are expressed in brain and kidney. Isoform 1 is also expressed in liver, pancreas, skeletal muscle, small intestine and testis. Isoform 2 is also expressed in lung, pancreas, leukocytes, prostate and thymus

KCHIP1 Antibody Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KCHIP1 Antibody Blocking peptide - Images