

**Mouse KChIP2b Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP1573c****Specification**

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**Mouse KChIP2b Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q3YAB2](#)**Mouse KChIP2b Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 80906**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1573c](/product/products/AP1573c) was selected from the N-term region of mouse KChIP2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**Mouse KChIP2b Antibody (N-term) Blocking peptide - Protein Information****Name** Q3YAB2**Mouse KChIP2b Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**Mouse KChIP2b Antibody (N-term) Blocking peptide - Images****Mouse KChIP2b Antibody (N-term) Blocking peptide - Background**

KChIP2b is a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in

intracellular calcium.