

Mouse KChIP2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1573f**Specification**

Mouse KChIP2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q3YAB2](#)**Mouse KChIP2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 80906**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1573f](/product/products/AP1573f) was selected from the C-term region of human 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 KChIP2 Antibody (C-term) Blocking Peptide - Protein Information**Name** Q3YAB2**Mouse KChIP2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

Mouse KChIP2 Antibody (C-term) Blocking Peptide - Images**Mouse KChIP2 Antibody (C-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.

Mouse KChIP2 Antibody (C-term) Blocking Peptide - References

Kim, L.A., et al., J. Biol. Chem. 279(7):5549-5554 (2004). Ren, X., et al., J. Biol. Chem. 278(44):43564-43570 (2003). Deschenes, I., et al., Circulation 106(4):423-429 (2002). Ohya, S., et al., Biochem. Biophys. Res. Commun. 282(1):96-102 (2001). Bahring, R., et al., J. Biol. Chem. 276(26):23888-23894 (2001).