

**KCNT2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10351b****Specification**

---

**KCNT2 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q6UVM3](#)  
Other Accession [NP\\_940905.2](#)

**KCNT2 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 343450

**Other Names**

Potassium channel subfamily T member 2, Sequence like an intermediate conductance potassium channel subunit, Sodium and chloride-activated ATP-sensitive potassium channel Slo21, KCNT2, SLICK

**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.

**KCNT2 Antibody (C-term) Blocking peptide - Protein Information**

**Name** KCNT2

**Synonyms** SLICK

**Function**

Outward rectifying potassium channel. Produces rapidly activating outward rectifier K(+) currents. Activated by high intracellular sodium and chloride levels (PubMed:<a href="http://www.uniprot.org/citations/14684870" target="\_blank">14684870</a>, PubMed:<a href="http://www.uniprot.org/citations/16687497" target="\_blank">16687497</a>, PubMed:<a href="http://www.uniprot.org/citations/29069600" target="\_blank">29069600</a>). Channel activity is inhibited by ATP and by inhalation anesthetics, such as isoflurane (PubMed:<a href="http://www.uniprot.org/citations/16687497" target="\_blank">16687497</a>) (By similarity). Inhibited upon stimulation of G-protein coupled receptors, such as CHRM1 and GRM1 (PubMed:<a href="http://www.uniprot.org/citations/16687497" target="\_blank">16687497</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**KCNT2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**KCNT2 Antibody (C-term) Blocking peptide - Images****KCNT2 Antibody (C-term) Blocking peptide - References**

Santi, C.M., et al. J. Neurosci. 26(19):5059-5068(2006)Wei, A.D., et al. Pharmacol. Rev. 57(4):463-472(2005)Bhattacharjee, A., et al. J. Neurosci. 23(37):11681-11691(2003)