

Mouse Sgk2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14977b**Specification**

Mouse Sgk2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9QZS5](#)**Mouse Sgk2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 27219**Other Names**

Serine/threonine-protein kinase Sgk2, Serum/glucocorticoid-regulated kinase 2, Sgk2

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 Sgk2 Antibody (C-term) Blocking Peptide - Protein Information**Name** Sgk2**Function**

Serine/threonine-protein kinase which is involved in the regulation of a wide variety of ion channels, membrane transporters, cell growth, survival and proliferation. Up-regulates Na(+) channels: SCNN1A/ENAC, K(+) channels: KCNA3/Kv1.3, KCNE1 and KCNQ1, amino acid transporter: SLC6A19, glutamate transporter: SLC1A6/EAAT4, glutamate receptors: GRIA1/GLUR1 and GRIK2/GLUR6, Na(+)/H(+) exchanger: SLC9A3/NHE3, and the Na(+)/K(+) ATPase.

Cellular Location

Cytoplasm. Nucleus.

Mouse Sgk2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Sgk2 Antibody (C-term) Blocking Peptide - Images

Mouse Sgk2 Antibody (C-term) Blocking Peptide - Background

Sgk2 is involved in the activation of potassium channels (By similarity).

Mouse Sgk2 Antibody (C-term) Blocking Peptide - References

Loffing, J., et al. Annu. Rev. Physiol. 68, 461-490 (2006) :Masujin, K., et al. DNA Res. 11(6):371-379(2004)Nishimura, M., et al. DNA Res. 11(5):315-323(2004)Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003)Kobayashi, T., et al. Biochem. J. 344 PT 1, 189-197 (1999) :