

Mouse Rps6kb2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14928b**Specification**

Mouse Rps6kb2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O9Z1M4](#)**Mouse Rps6kb2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 58988**Other Names**

Ribosomal protein S6 kinase beta-2, S6K-beta-2, S6K2, 70 kDa ribosomal protein S6 kinase 2, p70 ribosomal S6 kinase beta, p70 S6 kinase beta, p70 S6K-beta, p70 S6KB, Rps6kb2

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 Rps6kb2 Antibody (C-term) Blocking Peptide - Protein Information**Name** Rps6kb2**Function**

Phosphorylates specifically ribosomal protein S6. Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7.

Cellular Location

Cytoplasm. Nucleus.

Mouse Rps6kb2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Rps6kb2 Antibody (C-term) Blocking Peptide - Images**Mouse Rps6kb2 Antibody (C-term) Blocking Peptide - Background**

Phosphorylates specifically ribosomal protein S6.

Mouse Rps6kb2 Antibody (C-term) Blocking Peptide - References

Lai, K.P., et al. EMBO J. 29(17):2994-3006(2010)Michels, A.A., et al. Mol. Cell. Biol. 30(15):3749-3757(2010)Alain, T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(4):1576-1581(2010)Pastor, M.D., et al. J. Biol. Chem. 284(33):22067-22078(2009)Kroczyńska, B., et al. Mol. Cell. Biol. 29(10):2865-2875(2009)