

Mouse Phkg1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14255b**Specification**

Mouse Phkg1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P07934](#)**Mouse Phkg1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 18682**Other Names**

Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform, Phosphorylase kinase subunit gamma-1, Serine/threonine-protein kinase PHKG1, Phkg1, Phkg

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 Phkg1 Antibody (C-term) Blocking Peptide - Protein Information**Name** Phkg1**Synonyms** Phkg**Function**

Catalytic subunit of the phosphorylase b kinase (PHK), which mediates the neural and hormonal regulation of glycogen breakdown (glycogenolysis) by phosphorylating and thereby activating glycogen phosphorylase. In vitro, phosphorylates PYGM, TNNT3, MAPT/TAU, GAP43 and NRG1/RC3 (By similarity).

Mouse Phkg1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Phkg1 Antibody (C-term) Blocking Peptide - Images**Mouse Phkg1 Antibody (C-term) Blocking Peptide - Background**

Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I.

Mouse Phkg1 Antibody (C-term) Blocking Peptide - References

Suto, J., et al. J. Vet. Med. Sci. 66(9):1033-1038(2004)Visel, A., et al. Nucleic Acids Res. 32 (DATABASE ISSUE), D552-D556 (2004) :Takenaka, M., et al. Kidney Int. 53(3):562-572(1998)Maichele, A.J., et al. Mamm. Genome 5(1):15-18(1994)Bender, P.K., et al. Genet. Anal. Tech. Appl. 10 (3-4), 99-101 (1993) :