

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

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**Mouse Phkg1 Antibody (C-term) Blocking Peptide - Product Information**

Primary 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, TNNI3, MAPT/TAU, GAP43 and NRGN/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) :