

Mouse Phkg2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14454a**Specification**

Mouse Phkg2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9DB30](#)

Mouse Phkg2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 68961

Other Names

Phosphorylase b kinase gamma catalytic chain, liver/testis isoform, PHK-gamma-LT, PHK-gamma-T, Phosphorylase kinase subunit gamma-2, Phkg2

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 Phkg2 Antibody (N-term) Blocking Peptide - Protein Information

Name Phkg2

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. May regulate glycogeneolysis in the testis. In vitro, phosphorylates PYGM (By similarity).

Mouse Phkg2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Phkg2 Antibody (N-term) Blocking Peptide - Images**Mouse Phkg2 Antibody (N-term) Blocking Peptide - Background**

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

troponin I. This isozyme may regulate glycogeneolysis in the testis.

Mouse Phkg2 Antibody (N-term) Blocking Peptide - References

Katayama, S., et al. Science 309(5740):1564-1566(2005) Carninci, P., et al. Science 309(5740):1559-1563(2005) Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002) Okazaki, Y., et al. Nature 420(6915):563-573(2002) Kawai, J., et al. Nature 409(6821):685-690(2001)