

**PNCK Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16935b****Specification**

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**PNCK Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q6P2M8](#)

**PNCK Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 139728

**Other Names**

Calcium/calmodulin-dependent protein kinase type 1B, CaM kinase I beta, CaM kinase IB, CaM-KI beta, CaMKI-beta, Pregnancy up-regulated non-ubiquitously-expressed CaM kinase, PNCK

**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.

**PNCK Antibody (C-term) Blocking Peptide - Protein Information**

**Name** PNCK

**Function**

Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates CREB1 and SYN1/synapsin I. Phosphorylates and activates CAMK1 (By similarity).

**Cellular Location**

Cytoplasm. Nucleus.

**PNCK Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PNCK Antibody (C-term) Blocking Peptide - Images****PNCK Antibody (C-term) Blocking Peptide - Background**

PNCK is a member of the calcium/calmodulin-dependent protein kinase family of protein serine/threonine kinases (see CAMK1; MIM 604998) (Gardner et al., 2000 [PubMed10673339]).

#### **PNCK Antibody (C-term) Blocking Peptide - References**

Deb, T.B., et al. Am. J. Physiol., Cell Physiol. 295 (2), C365-C377 (2008) :Gardner, H.P., et al. Cancer Res. 60(19):5571-5577(2000)Gardner, H.P., et al. Genomics 63(2):279-288(2000)