

**PNCK Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16935b**

**Specification**

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

Application	WB,E
Primary Accession	<a href="#">Q6P2M8</a>
Other Accession	<a href="#">NP_001034671.3</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38500
Antigen Region	295-323

**PNCK Antibody (C-term) - 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

**Target/Specificity**

This PNCK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 295-323 amino acids from the C-terminal region of human PNCK.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PNCK Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PNCK Antibody (C-term) - 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).

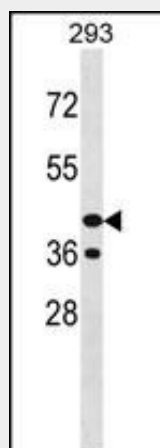
**Cellular Location**

Cytoplasm. Nucleus.

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

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PNCK Antibody (C-term) - Images**

PNCK Antibody (C-term) (Cat. #AP16935b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the PNCK antibody detected the PNCK protein (arrow).

**PNCK Antibody (C-term) - 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 [PubMed 10673339]).

**PNCK Antibody (C-term) - 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)