

Pnck antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13338**Specification**

Pnck antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9QYK9
Other Accession	NM_012040 , NP_036170
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rabbit, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa kDa

Pnck antibody - C-terminal region - Additional Information**Gene ID** 93843**Alias Symbol** Bstk3, CaMKIb2, CaMKIb2, Camk1b, Punc, caMKIb1**Other Names**

Calcium/calmodulin-dependent protein kinase type 1B, 2.7.11.17, CaM kinase I beta, CaM kinase IB, CaM-KI beta, CaMKI-beta, Pregnancy up-regulated non-ubiquitously-expressed CaM kinase homolog, Pnck

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Pnck antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Pnck antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Pnck antibody - C-terminal region - 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

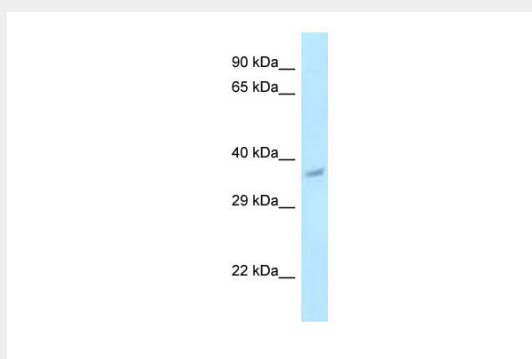
Tissue Location

Expressed at highest levels in adult brain, and expressed in embryo. In the adult brain detected at high levels in the anterior olfactory nuclei, piriform cortex, septal nuclei, bed nuclei of the stria terminalis, hippocampal pyramidal cells, dentate granule cells, amygdala, hypothalamic nuclei, parabrachial nucleus, and nucleus of the solitary tract. Expressed at lower levels in adult ovary and heart and at very low levels in testis, lung and muscle

Pnck antibody - C-terminal region - 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-terminal region - Images

WB Suggested Anti-Pnck Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver

Pnck antibody - C-terminal region - References

Ueda T., et al. J. Neurochem. 73:2119-2129(1999).
Gardner H.P., et al. Genomics 63:279-288(2000).