

Pnck antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13338

Product Information

Application	WB
Primary Accession	Q9QYK9
Other Accession	NM_012040 , NP_036170
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Bovine
Predicted	Human, Mouse, Rabbit, Pig, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38519

Additional Information

Gene ID	93843
Alias Symbol Other Names	Bstk3, CaMKIbeta2, CaMKIb2, Camk1b, Punc, caMKIb1 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.

Protein Information

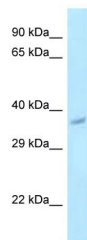
Name	Pnck
Function	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates CREB1 and SYN1/synapsin I. Phosphorylates and activates CAMK1 (By similarity).
Cellular Location	Cytoplasm. Nucleus
Tissue Location	Expressed at highest 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

References

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.