

Rabbit anti-Human PNCK Polyclonal Antibody | anti-PNCK antibody

PNCK Antibody (C-term)

CATALOG # AAA285579	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

PNCK; Polyclonal Antibody; PNCK Antibody (C-term); 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; anti-PNCK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PNCK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 314-343 amino acids from the C-terminal region of human PNCK.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	314-343
Sequence Length	360
Applicable Applications for anti-PNCK antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Neo, HA-Pnck and HA-Pnck T171A HEK-293 cells were plated at low (LD) and high (HD) cell density and lysates prepared after 48 hours. Equal amounts of total protein were immunoblotted for HA-Pnck (WB: Pnck) expression.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-PNCK antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.
Product Categories/Family for anti-PNCK antibody	Neuroscience; Signal Transduction
References	Gardner, H.P., et al., Cancer Res. 60(19):5571-5577 (2000). Gardner, H.P., et al., Genomics. 63(2):279-288 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	209364619
NCBI GeneID	139728
NCBI Accession #	NP_001034671.3; NP_001129212.1
NCBI GenBank Nucleotide #	NM_001039582.3
UniProt Accession #	Q6P2M8; Q8N4R0; B4DJR8; B4E1A6; B7WPG0; D3DWU7
Molecular Weight	38500
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type 1B isoform a
NCBI Official Synonym Full Names	pregnancy up-regulated nonubiquitous CaM kinase
NCBI Official Symbol	PNCK
NCBI Official Synonym Symbols	BSTK3; CaMK1b
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type 1B
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type 1B
UniProt Gene Name	PNCK
UniProt Synonym Gene Names	CaM kinase IB; CaM-KI beta; CaMKI-beta
UniProt Entry Name	KCC1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pnck-antibody-immunohistochemistry-western-blot-elisa/285579>