

Datasheet for ABIN7146432  
**anti-PNCK antibody (AA 1-115)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	PNCK
Binding Specificity:	AA 1-115
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNCK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Calcium/calmodulin-dependent protein kinase type 1B protein (1-115AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	PNCK
Alternative Name:	PNCK ( <a href="#">PNCK Products</a> )
Background:	Background: Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates CREB1 and SYN1/synapsin I.

## Target Details

Phosphorylates and activates CAMK1 (By similarity).

Aliases: Calcium/calmodulin dependent protein kinase type 1B antibody, Calcium/calmodulin-dependent protein kinase type 1B antibody, CaM KI beta antibody, CaM kinase I beta antibody, CaM kinase IB antibody, CaM-KI beta antibody, CaMK1b antibody, CaMKI beta antibody, CaMKI-beta antibody, EC 2.7.11.17 antibody, KCC1B\_HUMAN antibody, MGC45419 antibody, PNCK antibody, Pregnancy up regulated non ubiquitously expressed CaM kinase antibody, Pregnancy up-regulated non-ubiquitously-expressed CaM kinase antibody

UniProt: [Q6P2M8](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

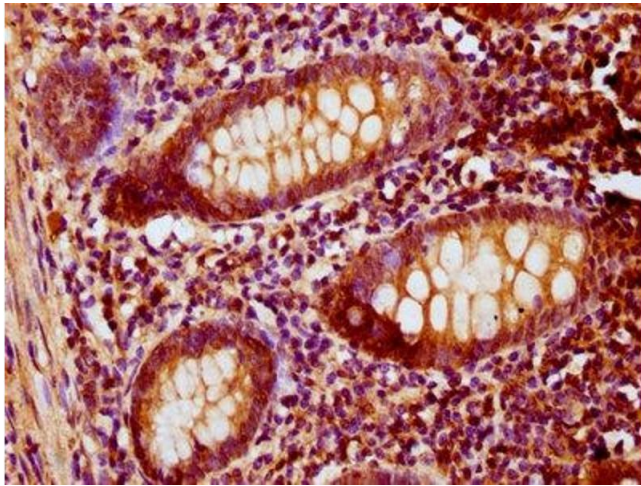
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

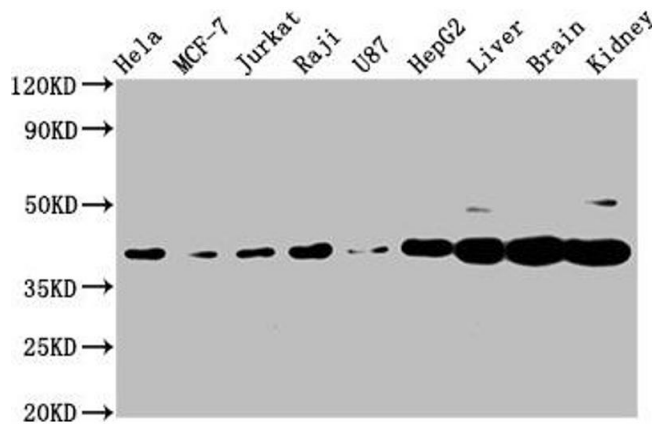
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** IHC image of ABIN7146432 diluted at 1:200 and staining in paraffin-embedded human appendix tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: HeLa whole cell lysate, MCF-7 whole cell lysate, Jurkat whole cell lysate, Raji whole cell lysate, U87 whole cell lysate, HepG2 whole cell lysate, Rat liver tissue, Mouse brain tissue, Mouse kidney tissue. All lanes: PNCK antibody at 3.1 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 39, 41, 28, 47 kDa. Observed band size: 39 kDa.