PNCK Antibody

PACO61029

Product Information

Size:

50ug

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:200-1:500

Protein Background:

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.

Gene ID:

PNCK

Uniprot

Q6P2M8

Synonyms:

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

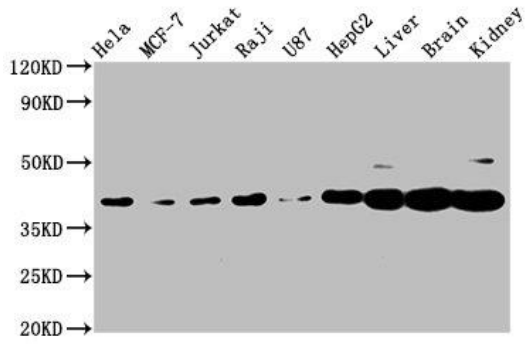
Immunogen:

Recombinant Human Calcium/calmodulin-dependent protein kinase type 1B protein (1-115AA).

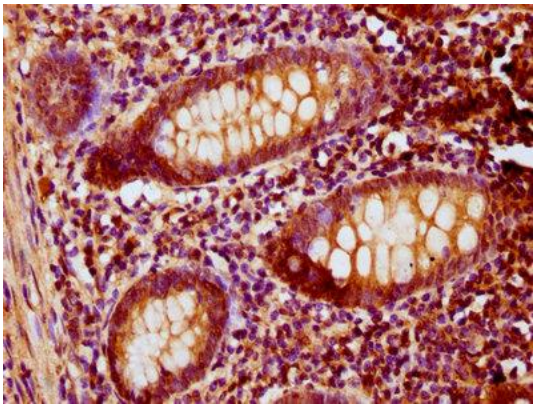
Storage:

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

Product Images



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 3.1µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 39, 41, 28, 47 kDa. Observed band size: 39 kDa.



IHC image of PACO61029 diluted at 1:200 and staining in paraffin-embedded human appendix tissue performed on a Leica BondTM 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.

