

Datasheet for ABIN2784661
anti-PNCK antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PNCK
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNCK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	KAVDVWALGV ISYILLGYP PFYDESDPEL FSQILRASYE FDSPFWDDIS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Pnck. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PNCK
Alternative Name:	Pnck (PNCK Products)
Background:	Pnck is a calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-

Target Details

triggered signaling cascade. In vitro, Pnck phosphorylates CREB1 and SYN1/synapsin I and phosphorylates and activates CAMK1.

Alias Symbols: Bstk3, CaMKIb2, CaMKIb2, Camk1b, Punc, caMKIb1

Protein Size: 343

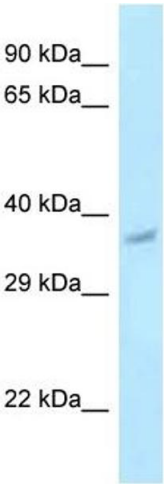
Molecular Weight:	38 kDa
Gene ID:	93843
NCBI Accession:	NM_012040 , NP_036170
UniProt:	Q9QYK9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 343 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Pnck Antibody Titration: 1.0 ug/ml Positive Control: Mouse Liver