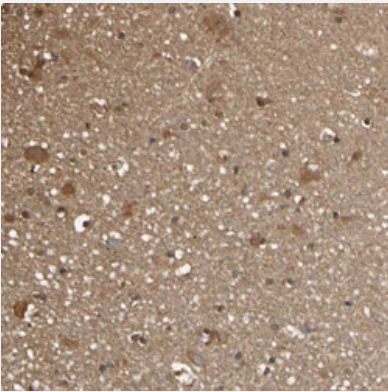


# PNCK polyclonal antibody

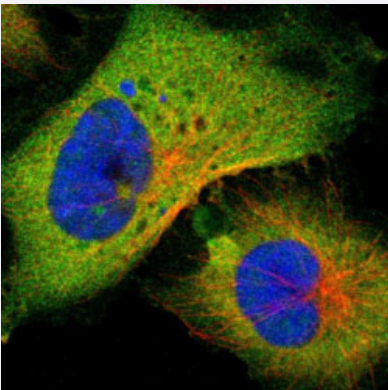
Catalog # PAB30780      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human hippocampus with PNCK polyclonal antibody (Cat # PAB30780) shows moderate cytoplasmic positivity in neuronal cells, glial cells showed moderate cytoplasmic and nuclear staining.



### Immunofluorescence

Immunofluorescent staining of U-251 MG with PNCK polyclonal antibody (Cat # PAB30780) (Green) shows positivity in plasma membrane and cytoplasm.

## Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PNCK.
Immunogen	Recombinant protein corresponding to human PNCK.
Sequence	MLLLKKHTEDISSVYEIRERLGSGAFSEVVLAQERGS AHLVALKCIPKKALRGKEALVENEIAVLRRISHPN
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Immunofluorescent staining of U-251 MG with PNCK polyclonal antibody (Cat # PAB30780) (Green) shows positivity in plasma membrane and cytoplasm.

## Gene Info — PNCK

Entrez GeneID	<a href="#">139728</a>
Protein Accession#	<a href="#">Q6P2M8</a>
Gene Name	PNCK
Gene Alias	BSTK3, CaMK1b, FLJ50403, FLJ50549, FLJ56451, FLJ59811, MGC45419
Gene Description	pregnancy up-regulated non-ubiquitously expressed CaM kinase
Omim ID	<a href="#">300680</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

PNCK is a member of the calcium/calmodulin-dependent protein kinase family of protein serine/threonine kinases (see CAMK1; MIM 604998) (Gardner et al., 2000 [PubMed 10673339]).[supplied by OMIM]

**Other Designations**

OTTHUMP00000025964|pregnancy upregulated non-ubiquitously expressed CaM kinase