

For Research Use Only

# PLK3 Polyclonal antibody, PBS Only

Catalog Number: 10977-1-PBS

Featured Product



## Basic Information

Catalog Number:

10977-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1431

GenBank Accession Number:

BC013899

GeneID (NCBI):

1263

UNIPROT ID:

Q9H4B4

Full Name:

polo-like kinase 3 (Drosophila)

Calculated MW:

72 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

PLK3(Polo-like kinase 3) is also named as CNK, FNK, PRK and belongs to the protein kinase superfamily. It is involved in the regulation of DNA damage checkpoint as well as in M-phase function. Plk3 physically interacts with p53 and phosphorylates this tumor suppressor protein on serine-20, suggesting that the role of Plk3 in cell cycle progression is mediated, at least in part, through direct regulation of p53(PMID:12548019).

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

T: 4006900926

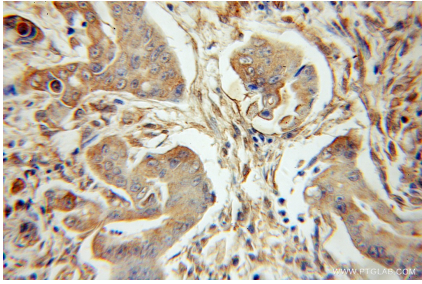
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer using 10977-1-AP (PLK3 antibody) at dilution of 1:10 (under 10x lens). This data was developed using the same antibody clone with 10977-1-PBS in a different storage buffer formulation.