

For Research Use Only

PLK3 Polyclonal antibody, PBS Only

Catalog Number: 30486-1-PBS



Basic Information

Catalog Number:

30486-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33186

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:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human

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.

Storage Buffer:

PBS Only

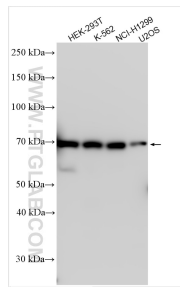
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

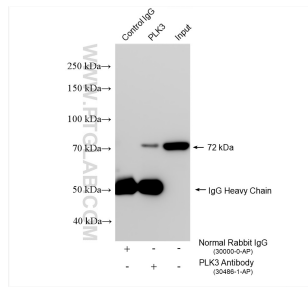
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

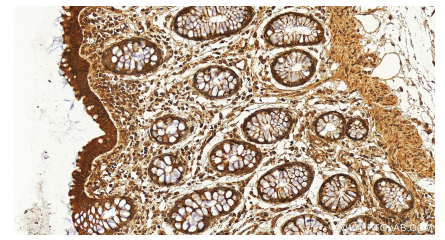
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30486-1-AP (PLK3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30486-1-PBS in a different storage buffer formulation.



IP result of anti-PLK3 (IP:30486-1-AP, 4ug; Detection:30486-1-AP 1:500) with HeLa cells lysate 1750 ug. This data was developed using the same antibody clone with 30486-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 30486-1-AP (PLK3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30486-1-PBS in a different storage buffer formulation.