

For Research Use Only

PLK2 Polyclonal antibody

Catalog Number: 15956-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

15956-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8710

GenBank Accession Number:

BC013879

GeneID (NCBI):

10769

UNIPROT ID:

Q9NYY3

Full Name:

polo-like kinase 2 (Drosophila)

Calculated MW:

685 aa, 78 kDa

Observed MW:

75-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:4000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB: HeLa cells, MCF-7 cells, COLO 320 cells

IP: HeLa cells,

Background Information

PLK2(Polo-like kinase 2) is also named as SNK and belongs to the Ser/Thr protein kinase family. It plays a role in normal cell division. Plk2 expression is detected only in G1, and endogenous Plk2 is rapidly turned over. Therefore, the expression of the three mammalian Plks during the cell cycle resembles the successive transition of the cyclins, prompting speculation that Plks may regulate the cell cycle in a manner analogous to that of Cdk's(PMID:12972611).

Notable Publications

Author	Pubmed ID	Journal	Application
Yazhi Fan	34047419	J Biochem Mol Toxicol	WB
Chun-Hua Wang	34314079	Cell Biol Int	IP
Fei Liu	26910911	Oncotarget	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

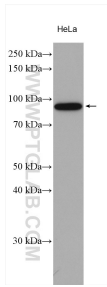
For technical support and original validation data for this product please contact:

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

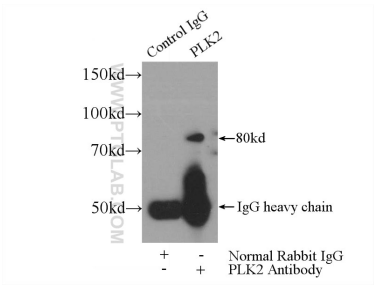
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 15956-1-AP (PLK2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-PLK2 (IP:15956-1-AP, 4ug; Detection:15956-1-AP 1:300) with HeLa cells lysate 2480ug.