

For Research Use Only

Cyclin H Polyclonal antibody

Catalog Number: 10718-1-AP



Basic Information

Catalog Number: 10718-1-AP	GenBank Accession Number: BC005280	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 902	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
Source: Rabbit	Full Name: cyclin H	IHC 1:1000-1:4000
Isotype: IgG	Calculated MW: 38 kDa	IF 1:20-1:200
Immunogen Catalog Number: AG1088	Observed MW: 38 kDa	

Applications

Tested Applications:
FC, IF, IHC, IP, WB, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: A431 cells, A375 cells, mouse brain tissue, HuH-7 cells, HeLa cells, Jurkat cells, K-562 cells, NIH/3T3 cells

IP: HeLa cells,

IHC: human breast cancer tissue,

IF: SH-SY5Y cells,

Background Information

Storage

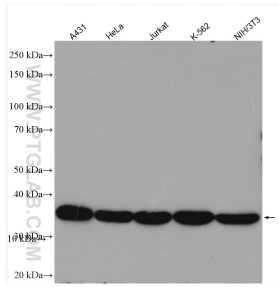
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

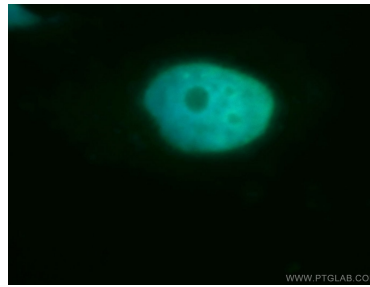
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

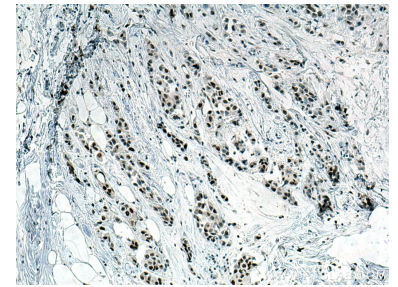
Selected Validation Data



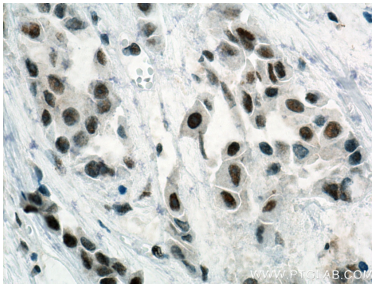
Various lysates were subjected to SDS PAGE followed by western blot with 10718-1-AP (Cyclin H antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



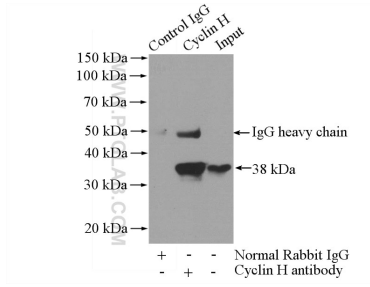
Immunofluorescent analysis of SH-SY5Y cells, using CCNH antibody 10718-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



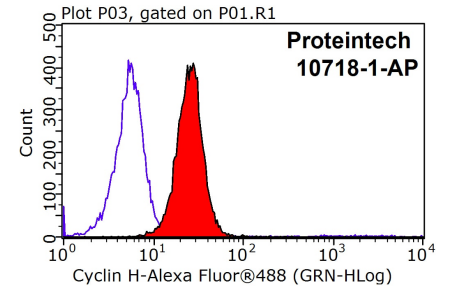
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10718-1-AP (Cyclin H antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10718-1-AP (Cyclin H antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-Cyclin H (IP:10718-1-AP, 4ug; Detection:10718-1-AP 1:1000) with HeLa cells lysate 1200ug.



1X10⁶ SH-SY5Y cells were stained with 0.2ug Cyclin H antibody (10718-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:100.