

Cyclin B1 Polyclonal ANTIBODY

Catalog Number: 55004-1-AP

78 Publications

Basic Information

Catalog Number:
55004-1-AP

Size:
52 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:

GenBank Accession Number:
NM_031966

GeneID (NCBI):
891

Full Name:
cyclin B1

Calculated MW:
48 kDa

Observed MW:
55-60 kDa

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

Applications

Tested Applications:
IP, WB, ELISA

Cited Applications:
IF, WB

Species Specificity:
human, mouse

Cited Species:
human, mouse, rat

Positive Controls:

WB : HeLa cells; NIH/3T3 cells, PC-3 cells, HepG2 cells, Jurkat cells, K-562 cells

IP : HeLa cells;

Background Information

Cyclin B1 is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase of the cell cycle. The different transcripts result from the use of alternate transcription initiation sites. The antibody is specific to CCNB1. We got a 55-60 kDa band in western blotting may be due to phosphorylation.

Notable Publications

Author	Pubmed ID	Journal	Application
Xaoman Chen	30207732	Mol Pharm	WB
Han Wang	28935563	Eur J Pharmacol	WB
Sai Cao	30425526	Onco Targets Ther	WB

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

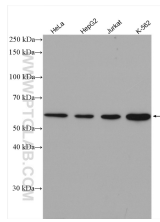
For technical support and original validation data for this product please contact:

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

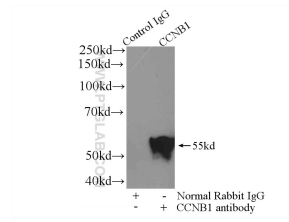
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55004-1-AP (Cyclin B1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours



IP Result of anti-Cyclin B1 (IP:55004-1-AP, 4ug; Detection:55004-1-AP 1:500) with HeLa cells lysate 1200ug.