CDK1
Polyclonal ANTIBODY
Catalog Number: 10762-1-AP

Basic Information
Catalog Number: 10762-1-AP
Size: 20 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG1183
GenBank Accession Number: BC014563
GeneID (NCBI): 983
Full Name: cell division cycle 2, G1 to S and G2 to M
Calculated MW: 25 kDa
Observed MW: 34 kDa, 27 kDa

Recommended Dilutions:
WB: 1:200-1:1000

Applications
Tested Applications: WB, ELISA
Cited Applications: WB
Species Specificity: human
Cited Species: human, mouse

Positive Controls:
WB: HeLa cells

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

Background Information
Cyclin-dependent kinase-1 (CDK1), also known as CDC2, CDC28A, CDKN1, P34CDC2, is a catalytic subunit of a protein kinase complex, called the M-phase promoting factor, that induces entry into mitosis and is universal among eukaryotes. It belongs to the protein kinase superfamily and has 2 isoforms produced by alternative splicing.

Notable Publications
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<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
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<tbody>
<tr>
<td>Yingjie Zhao</td>
<td>28979815</td>
<td>Am J Cancer Res</td>
<td>WB</td>
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<tr>
<td>Hongyu Chen</td>
<td>30479965</td>
<td>J Cell Physiol</td>
<td>WB</td>
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<tr>
<td>Dong Ma</td>
<td>27892842</td>
<td>Biochem Biophys Res Commun</td>
<td>WB</td>
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Storage
Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.1% 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 (toll free in USA), or (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.
HeLa cells were subjected to SDS PAGE followed by western blot with 10762-1-AP (CDK1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.