CDK1 Polyclonal Antibody

Catalog Number: E-AB-60019



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human, Mouse, Rat

Immunogen A synthetic peptide of human CDK1 (NP_001777.1).

Host Rabbit
Isotype IgG

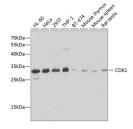
Purification Affinity purification
Conjugation Unconjugated

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

Applications Recommended Dilution

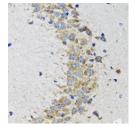
WB 1:500-1:2000 IHC 1:50-1:100 IF 1:50-1:200

Data

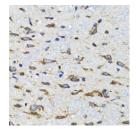


Western blot analysis of extracts of various cell lines using CDK1 Polyclonal Antibody at dilution of 1:1000.

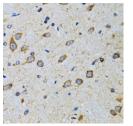
Observed Mw:34kDa Calculated Mw:27kDa/34kDa



Immunohistochemistry of paraffin-embedded Rat brain using CDK1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse spinal cord using CDK1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using CDK1 Polyclonal Antibody at dilution of 1:100 (40x lens).

Fax: 1-832-243-6017

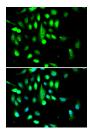
For Research Use Only

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Web: www.elabscience.com
Email: techsupport@elabscience.com

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Immunofluorescence analysis of A549 cells using CDK1 Polyclonal Antibody

Preparation & Storage

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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