

**Product Name: Phospho-CDK1/2 (Thr14) Rabbit
Monoclonal antibody
Catalog #: AMRe02841**

Summary

Production Name	Phospho-CDK1/2 (Thr14) Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Immunogen

Gene Name	CDK1/CDK2/
Alternative Names	CDKN2; p33(CDK2)
Gene ID	983/1017
SwissProt ID	P06493/P24941.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IP: 1:20
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

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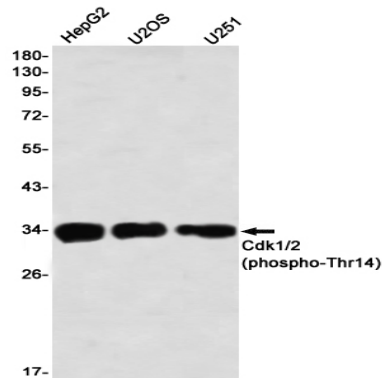
Background

Cdk2 is a member of the Ser/Thr protein kinase family. It is highly similar to the gene products of *S. cerevisiae* cdc28, and *S. pombe* cdc2. Cdk2 is closely related to cdc2 (cdk1) which has proved useful as a marker of proliferation. Cdk1 and Cdk2 are a catalytic subunits 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.

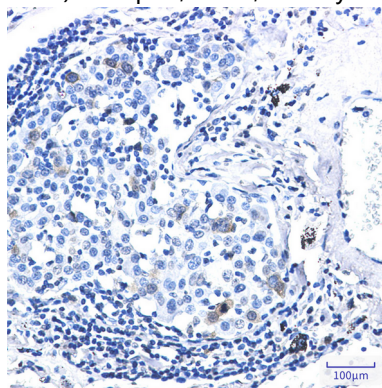
Research Area

Cell Biology

Image Data



Western blot analysis of Cdk1/2 (Phospho-Thr14) in HepG2, U2OS, U251 lysates using Phospho-CDK1/2 (Thr14) antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Cdk1/2 (Phospho-Thr14) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.