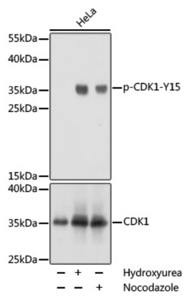
Anti-CDK1 (phospho Tyr15) Antibody (A16400)

Specifications:

Name:	Anti-CDK1 (phospho Tyr15) Antibody
Description:	Rabbit polyclonal antibody to CDK1 (phospho Tyr15).
Applications:	WB, IHC, ICC/IF, IP
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:200, ICC/IF: 1:50-1:200, IP: 1:50-1:100
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic phosphorylated peptide around Y15 of human CDK1 (NP_001777.1).
Sequence:	GTYGV
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	34 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.05% Proclin 300.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:

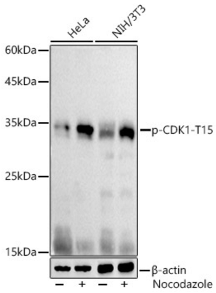


Western blot analysis of extracts of NIH/3T3 cells, using Anti-CDK1 (phospho Tyr15) Antibody (A16400) at 1:1,000 dilution or CDK1 antibody (A0220). HeLa cellls were treated by nocodazole (50 ng/ml) at 37°C for 20 hours or Hydroxyurea (4 mM) at 37°C for 20 hours. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% BSA. Detection was with a ECL Basic Kit. Exposure time: 1s.

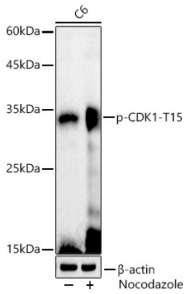
antibodies.com

Anti-CDK1 (phospho Tyr15) Antibody (A16400)

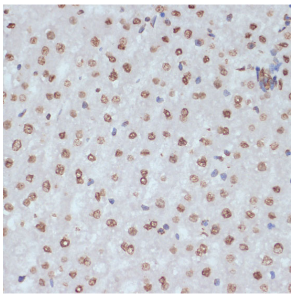
Images continued:



Western blot analysis of extracts of various cell lines, using Anti-CDK1 (phospho Tyr15) Antibody (A16400) at 1:1,000 dilution. HeLa and NIH/3T3 cells were treated by nocodazole (50 ng/ml) at 37°C for 20 hours. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25μg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts of C6 cells, using Anti-CDK1 (phospho Tyr15) Antibody (A16400) at 1:1,000 dilution. C6 cells were treated by Nocodazole (50 ng/ml) at 37°C for 20 hours. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25μg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded rat liver using Anti-CDK1 (phospho Tyr15) Antibody (A16400) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.