

CDK2 (phospho Tyr15) antibody [HL3327]

Cat. No. GTX641092

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Observed MW (kDa) 34 kDa.

Product Note Based on internal testing, this antibody may cross react with CDK1 (CDC2), CDK3, and CDK5 proteins when phosphorylated at tyrosine 15.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr15 of human CDK2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

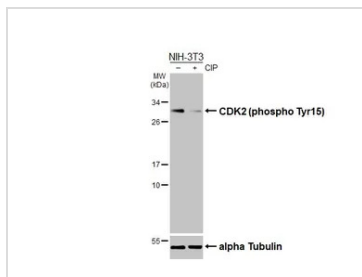
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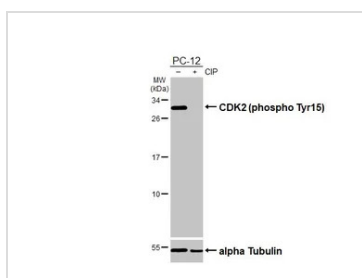
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DATA IMAGES



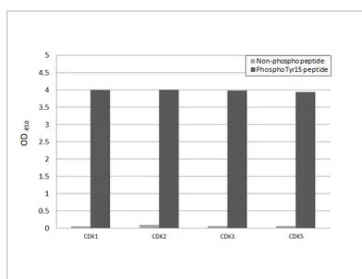
GTX641092 WB Image

Untreated (-) and treated (+) NIH-3T3 whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CDK2 (phospho Tyr15) antibody [HL3327] (GTX641092) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



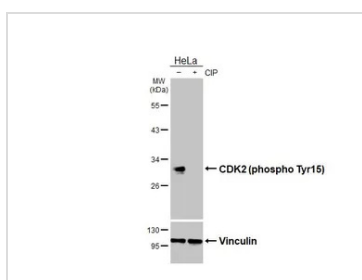
GTX641092 WB Image

Untreated (-) and treated (+) PC-12 whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CDK2 (phospho Tyr15) antibody [HL3327] (GTX641092) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX641092 Image

Specificity test was performed by coating the plate with CDK1/2/3/5 peptide and CDK1/2/3/5 (phospho Tyr15) peptide (15.63 ng/mL). Coated peptides were probed with CDK2 (phospho Tyr15) antibody [HL3327] (GTX641092) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX641092 WB Image

Untreated (-) and treated (+) HeLa whole cell extract (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CDK2 (phospho Tyr15) antibody [HL3327] (GTX641092) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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