

Anti-Phospho-CDK1-Y15 antibody (STJ22059)

STJ22059

GENERAL INFORMATION

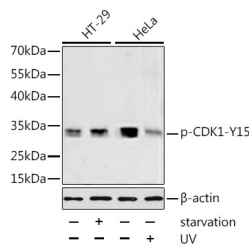
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|--------------------------|---|
| Product Type | Primary antibodies |
| Short Description | Rabbit polyclonal antibody anti-Phospho-CDK1-Y15 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunoprecipitation. |
| Applications | WB, IHC, IF, IP |
| Host/Source | Rabbit |
| Reactivity | Human, Mouse, Rat |

PRODUCT PROPERTIES

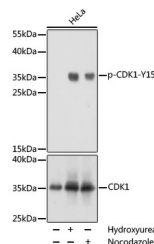
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|----------------------------|---|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB 1:500-1:1000 IHC 1:50-1:200 IF 1:50-1:100 IP 1:50-1:100 |
| Formulation | PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3. |
| Isotype | IgG |
| Storage Instruction | Store in a freezer at -20°C and avoid freeze-thaw cycles. |

TARGET INFORMATION

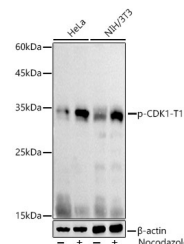
| | |
|---------------------------|--|
| Gene ID | 983 |
| Gene Symbol | CDK1 |
| Uniprot ID | CDK1_HUMAN |
| Immunogen | A synthetic phosphorylated peptide around Y15 of human CDK1 (NP_001777.1). |
| Immunogen Region | |
| Specificity | |
| Immunogen Sequence | |



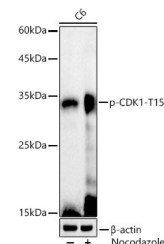
Western blot analysis of extracts of HT-29 and HeLa cells, using Phospho-CDK1-Y15 antibody (STJ22059) at 1:1000 dilution. HT-29 cells were treated by serum-starvation overnight. HeLa cells were treated by UV for 15-30 minutes. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1min.



Western blot analysis of extracts of NIH/3T3 cells, using phospho-STRK4-T387 polyclonal antibody (STJ22059) at 1:1000 dilution or CDK1 antibody (STJ22048). HeLa cells were treated by nocodazole (50 ng/mL) at 37 °C for 20 hours or Hydroxyurea (4 mM) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using Phospho-CDK1-T15 antibody (STJ22059) at 1:1000 dilution. HeLa and NIH/3T3 cells were treated by nocodazole (50 ng/ml) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts of C6 cells, using Phospho-CDK1-T15 antibody (STJ22059) at 1:1000 dilution. C6 cells were treated by Nocodazole (50 ng/ml) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081