

## Anti-Phospho-CDK1 (Tyr15) Polyclonal Antibody

### Product Details

**Ig Type:** IgG

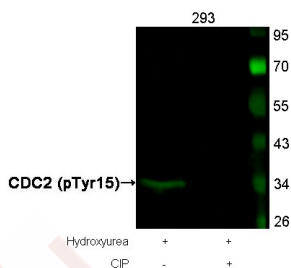
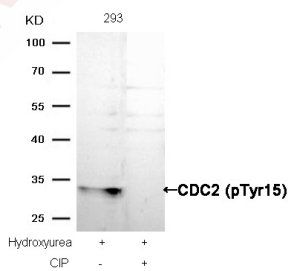
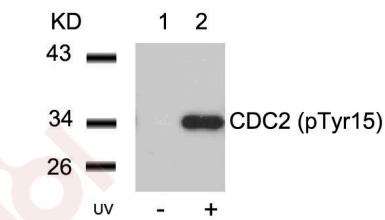
**Reactivity:** Human, Mouse, Rat

**Conjugation:** Unconjugated

**Purification:** Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

### Applications

- Verified Activity:**
- Western blot analysis of extracts from Hela cells untreated (lane 1) or treated with UV (lane 2) using CDC2 (Phospho-Tyr15) Antibody TMAC-00750.
  - Western blot analysis of extracts from 293 cells, treated with Hydroxyurea or calf intestinal phosphatase (CIP), using CDC2 (Phospho-Tyr15) Antibody TMAC-00750.
  - Western blot analysis of extracts from 293 cells, treated with Hydroxyurea or calf intestinal phosphatase (CIP), using CDC2 (Phospho-Tyr15) Antibody TMAC-00750.



**Application:** WB

### Properties

**Stability & Storage:** Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

**Shipping:** Shipping with blue ice.

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### Antigen Details

**Immunogen:** Peptide sequence around phosphorylation site of tyrosine 15 (G-T-Y(p)-G-V) derived from Human CDC2

**Antigen Species:** Human

**Uniprot ID:** P06493

**Synonyms:** CDK1 (p-Y15);p-CDK1 (Tyr15);p-CDK1 (Y15);CDK1 (p-Tyr15)

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### Research Background

Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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