BioVision 01/17 For research use only

## Phospho-Cdc2 (Tyr15) Antibody

**CATALOG NO**: A1256-100 100 μl

ALTERNATE NAMES: Cyclin-dependent kinase 1, CDK1, Cell division control protein 2

homolog, Cell division protein kinase 1, p34 protein kinase, CDK1,

CDC2, CDC28A, CDKN1, P34CDC2

**AMOUNT**: 100 μl

IMMUNOGEN: Synthesized peptide derived from human Cdc2 around the

phosphorylation site of Y15. AA: 1-80

MOL. WEIGHT 34 kDa

HOST/ISOTYPE: Rabbit IgG

SPECIES REACTIVITY: Human, Mouse, Rat, Monkey

SPECIFICITY: Phospho-Cdc2 (Y15) Polyclonal Antibody detects endogenous

levels of Cdc2 protein only when phosphorylated at Y15.

**PURIFICATION:** The antibody was affinity-purified from rabbit serum by affinity-

chromatography using specific immunogen.

FORM: Liquid

**FORMULATION:** PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**STORAGE CONDITIONS:** Store at -20°C. Avoid repeated freeze/thaw cycles.

**DESCRIPTION:** Plays a key role in the control of the eukaryotic cell cycle by

modulating the centrosome cycle as well as mitotic onset; promotes G2-M transition, and regulates G1 progress and G1-S transition via association with multiple interphase cyclins. Required

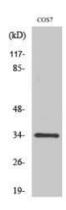
in higher cells for entry into S-phase and mitosis.

**APPLICATION:** WB 1:500-1:2000

ELISA 1:5000

Note: This information is only intended as a guide. The

optimal dilutions must be determined by the user.



Western Blot (WB) analysis of COS 7 cells using Phospho-Cdc2 (Tyr15) Polyclonal Antibody

## **RELATED PRODUCTS:**

- Phospho Alpha-synuclein (Tyr125) Antibody (Cat. No. A1219-100)
- Phospho (Ser31) Tyrosine Hydroxylase Antibody (Cat. No. 3613-200)
- Phospho (Ser19) Tyrosine Hydroxylase Antibody (Cat. No. 3612-100)
- Phospho (Tyr1472) NMDA NR2B Antibody (Cat. No. 3616-100)
- Phospho CREB (Ser129) Antibody (Cat. No. A1222-100)
- Phospho GAP43 (Ser41) Antibody (Cat. No. A1220-100)
- Phospho-Akt2 (Ser474) Antibody (Cat. No. A1246-100)
- Phospho-Akt1 (Ser246) Antibody (Cat. No. A1245-100)
- Phospho-MNK1 (Thr250) Antibody (Cat. No. A1159-50)
- Phospho-NIFK (Thr234) Antibody (Cat. No. A1157-50)

FOR RESEARCH USE ONLY! Not to be used on humans.

