

Product Datasheet

Phospho-CDK2(T160)+CDK1(T161) Antibody

Catalog No: CY7050

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P24941/P06493

All Names: CDC2; CDC28A; CDKN1; CDKN2; Cell division control protein 2 homolog; Cell division protein kinase 1; Cell division protein kinase 2; Cyclin-dependent kinase 1; Cyclin-dependent kinase 2; p33 protein kinase; p34 protein kinase; P34CDC2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

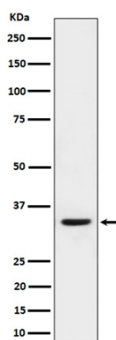
Molecular Wt.: 34kDa

Application

WB 1:500~1:2000

Background

CDK1: 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. CDK2: Serine/threonine-protein kinase involved in the control of the cell cycle; essential for meiosis, but dispensable for mitosis. Phosphorylates CTNNB1, USP37, p53/TP53, NPM1, CDK7, RB1, BRCA2, MYC, NPAT, EZH2.



Western blot analysis of Phospho-CDK2(T160)+CDK1(T161) expression in HeLa treated with nocodazole cell lysate.

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