

PACO14231

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:1000-1:2000, WB:1:200-1:1000,  
IHC:1:10-1:50

**Protein Background:**

This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state.

**Gene ID:**

CDKN1B

**Uniprot**

P46527

**Synonyms:**

cyclin-dependent kinase inhibitor 1B (p27, Kip1)

**Immunogen:**

Fusion protein of human CDKN1B.

**Storage:**

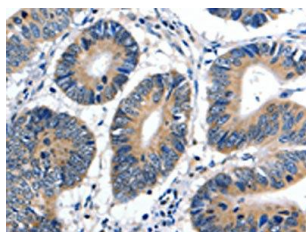
-20&deg; C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

## Product Images

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Gel: 10%SDS-PAGE, Lysate: 40  $\mu$ g, Lane: Lncap cells, Primary antibody: PACO14231(CDKN1B Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO14231(CDKN1B Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x—200).