

CDKN1B

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:1000

Calculated MW: 22kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CDKN1B

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

KIP1; MEN4; CDKN4; MEN1B; P27KIP1;

Catalog #: A2692

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1027

Isotype: IgG

Swiss Prot: P46527

Purity: Affinity purification

For research use only.

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. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4).

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