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CDKN1B

Reactivity: Human Rat

Tested applications:WB IHC ICC IP FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50 FC 1:20 - 1:50

Calculated MW:27kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide 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:

CDKN1B;CDKN4;KIP1;MEN1B;MEN4;P27KIP1;

Catalog #:A0026

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:1027

Isotype: IgG

Swiss Prot:P46527

Purity: Affinity purification

For research use only.

Background:

p27 Kip1 is a member of the Cip/Kip family of cyclin-dependent kinase inhibitors. Like its relatives, p57 Kip2 and p21 Waf1/Cip1, the ability to enforce the G1 restriction point is derived from its inhibitory binding to CDK2/cyclin E and other CDK/cyclin complexes. Expression levels of p27 are upregulated in quiescent cells and in cells treated with cAMP or other negative cell cycle regulators. Downregulation of p27 can be induced by treatment with interleukin 2 or other mitogens; this involves phosphorylation of p27 and its degradation by the ubiquitin-proteasome pathway (1-4).

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