www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

CDKN1B

Reactivity: Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:200 - 1:500 IHC 1:50 - 1:200 IF 1:20 - 1:50

Calculated MW:27kDa

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:

CDKN1B;CDKN4;KIP1;MEN1B;MEN4;P27KIP1

Catalog #:A0290

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:1027

Isotype: IgG

Swiss Prot:P46527

Purity: Affinity purification

For research use only.

Background:

CDKN1B 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 CDKN1B are upregulated in quiescent cells and in cells treated with cAMP or other negative cell cycle regulators. Downregulation of CDKN1B can be induced by treatment with interleukin 2 or other mitogens; this involves phosphorylation of CDKN1B and its degradation by the ubiquitin-proteasome pathway (1-4).

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