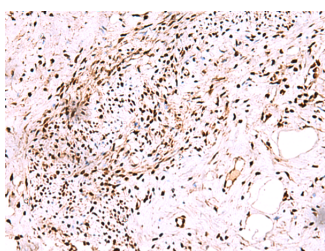


CDKN1B Polyclonal Antibody

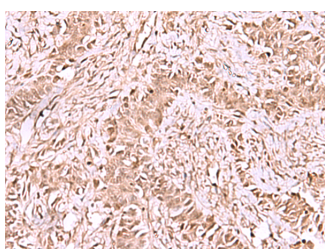
Catalog No.	E-AB-52142	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CDKN1B Polyclonal Antibody at dilution of 1:75(×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CDKN1B Polyclonal Antibody at dilution of 1:75(×200)

Immunogen Information

Immunogen	Fusion protein of human CDKN1B
Gene Accession	BC001971
Swissprot	P46527
Synonyms	Cdki1b,CDKN 1B,CDKN 4,CDKN1B,CDKN4,CDN1B,Cyclin-dependent kinase inhibitor p27 Kip1,KIP 1,KIP1,MEN1B,MEN4,p27,p27 Kip1,p27Kip1

Product Information

Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:50-1:300, ELISA 1:5000-1:10000

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.