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CDKN1B Polyclonal Antibody

Cat #: G-AB-06107

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
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).

Gene ID:

Accession #: BC001971

Immunogen: Fusion protein of human CDKN1B

Conjugation: Unconjugated

Swissprot: P46527

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1.32 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: IHC,ELISA

Dilution: IHC 1:50-1:300, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.