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p27 KIP 1 Polyclonal Antibody

Cat #: G-AB-09122

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

Isotype: IgG **Clonality:**

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: 1027

Accession #:

Immunogen: A synthetic peptide of human p27 KIP 1 (NP_004055.1).

Conjugation: Unconjugated

Swissprot: P46527

Calculated Molecular Weight: 22 kDa

Observed Molecular Weight: 30 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB,IHC

Dilution: WB 1:500-1:2000 IHC 1:50-1:100

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