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p27 Polyclonal Antibody

Cat #: G-AB-05228

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

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 #:

Immunogen: KLH conjugated Synthetic peptide corresponding to Mouse P27 KIP1

Conjugation: Unconjugated

Swissprot: P46527,P46414

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 0.89 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: IHC

Dilution: IHC 1:100-1:400

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