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# p27 Polyclonal Antibody

**Cat #:** G-AB-05497

**Host:** Rabbit **Reactivity:** Human

**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 Human p27 KIP 1.

**Conjugation:** Unconjugated

**Swissprot:** P46527,P46414,O08769

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 500 g/mL

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

**Purification Method:** Affinity purification

**Application:** IHC

**Dilution:** IHC 1:300-1:1000

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