## p27 Polyclonal Antibody

Catalog Number: E-AB-70069 3 Publications





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

#### **Description**

Reactivity Human, Rat

**Immunogen** KLH conjugated Synthetic peptide corresponding to Mouse P27 KIP1

Host Rabbit **Isotype IgG** 

**Purification** Affinity purification

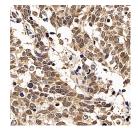
Conjugation Unconjugated

Formulation PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

**Applications Recommended Dilution** 

IHC 1:100-1:400

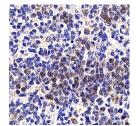
## Data



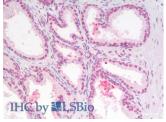
Immunohistochemistry analysis of paraffinembedded human lung cancer using p27 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffinembedded human liver cancer using p27 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffinembedded Rat spleen cancer using p27 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffinembedded Human Prostate using p27 Polyclonal Antibody(Elabscience® Product Detected by Lifespan).

## Preparation & Storage

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

#### 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

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from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4).

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