

# CDKN1B/p27KIP1 Rabbit pAb

Catalog No.: A0290 10 Publications

## Basic Information

### Observed MW

27kDa

### Calculated MW

22kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

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

## Recommended Dilutions

WB	1:500 - 1:5000
IF/ICC	1:50 - 1:100
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Immunogen Information

### Gene ID

1027

### Swiss Prot

P46527

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

KIP1; MEN4; CDKN4; MEN1B; P27KIP1; CDKN1B/p27KIP1

## Product Information

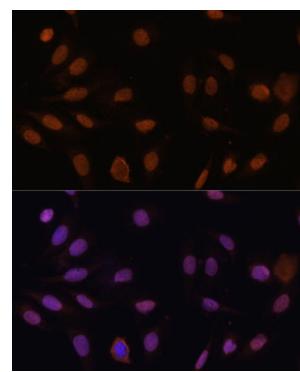
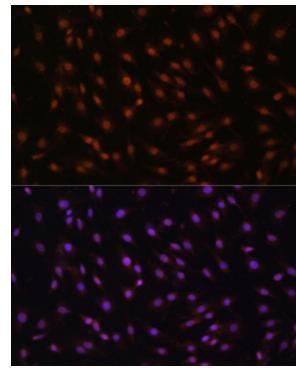
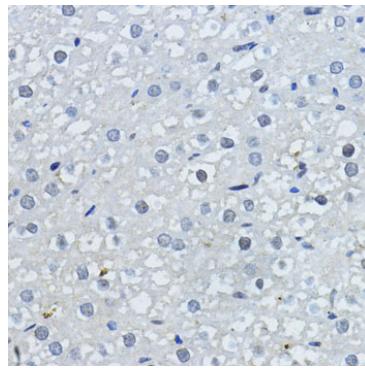
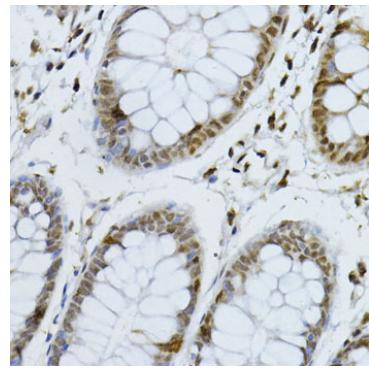
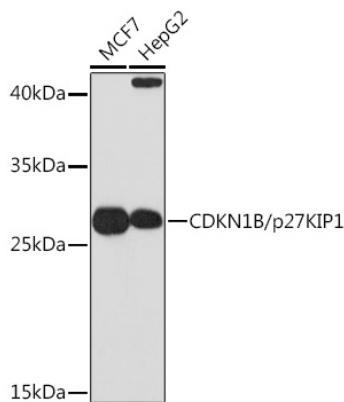
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

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

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

## Validation Data



Antibody | Protein | ELISA Kits | Enzyme | NGS | Service

For research use only. Not for therapeutic or diagnostic purposes.  
Please visit <https://abclonal.com> for a complete listing of recommended products.