

p27 KIP 1 Rabbit Polyclonal Antibody

Catalog No: #54270



Package Size: #54270-1 50ul #54270-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

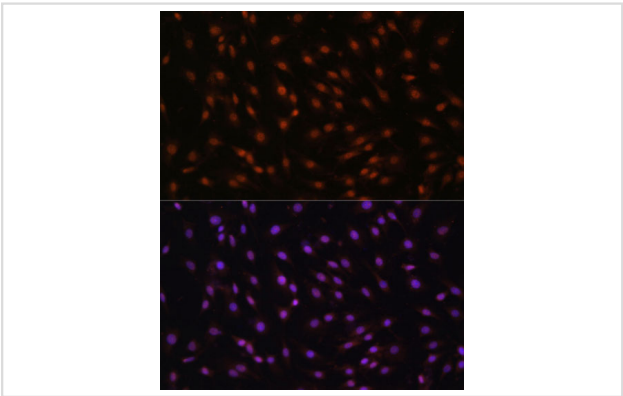
Description

Product Name	p27 KIP 1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human p27 KIP 1
Other Names	CDKN1B;CDKN4;KIP1;MEN1B;MEN4;P27KIP1;p27 KIP 1
Accession No.	Swiss Prot:P46527GenelD:1027
Uniprot	P46527
Calculated MW	22kDa
SDS-PAGE MW	27kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

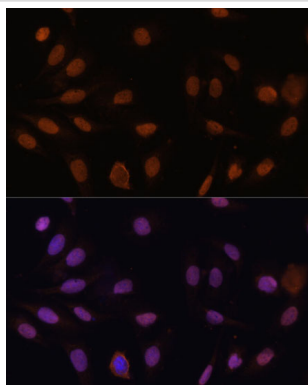
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

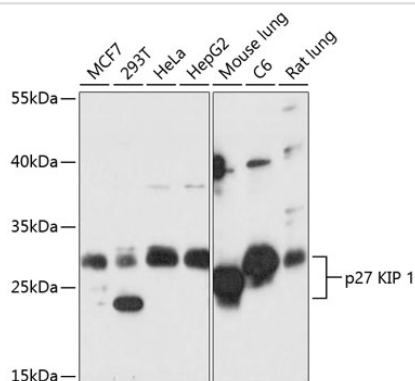
Images



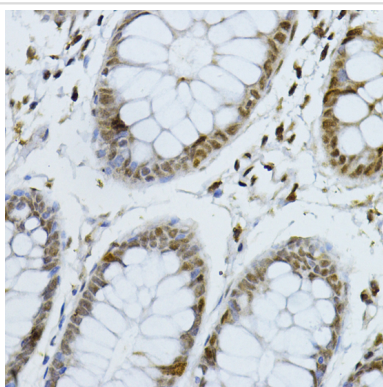
Immunofluorescence analysis of C6 cells using p27 KIP 1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



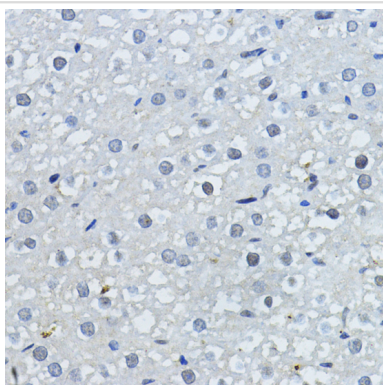
Immunofluorescence analysis of U-2 OS cells using p27 KIP 1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using p27 KIP 1 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human colon using p27 KIP 1 at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded rat liver using p27 KIP 1 at dilution of 1:200 (40x lens).

## 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).

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Note: This product is for in vitro research use only