

Rabbit p27 Polyclonal Antibody | anti-p27 antibody

p27 Polyclonal Antibody

CATALOG # AAA174390	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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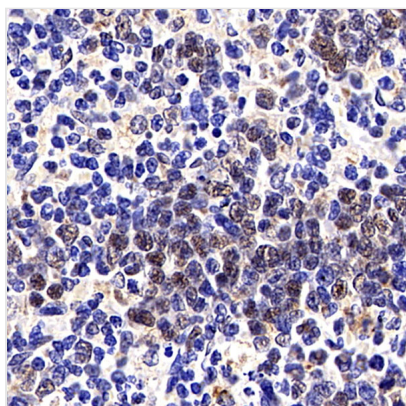
PRODUCT SYNONYMS

p27; Polyclonal Antibody; p27 Polyclonal Antibody; AA408329; AI843786; Cdk1b; CDKN 1B; CDKN 4; CDKN1B; CDKN4; CDN1B; Cyclin Dependent Kinase Inhibitor 1B; Cyclin dependent kinase inhibitor p27; Cyclin-dependent kinase inhibitor 1B (p27; Kip1); Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27; Cyclin-dependent kinase inhibitor p27 Kip1; KIP 1; KIP1; MEN1B; MEN4; OTTHUMP00000195098; OTTHUMP00000195099; p27 Kip1; P27-like cyclin-dependent kinase inhibitor; p27Kip1; anti-p27 antibody

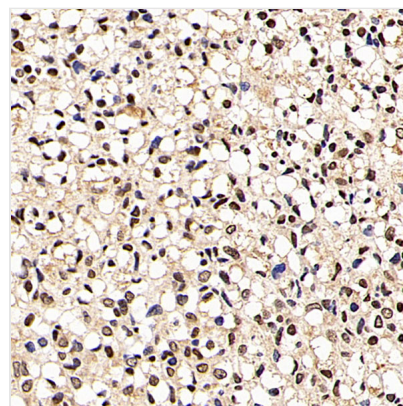
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	0.89 mg/mL (varies by lot)
Sequence Length	198
Applicable Applications for anti-p27 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse P27 KIP1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

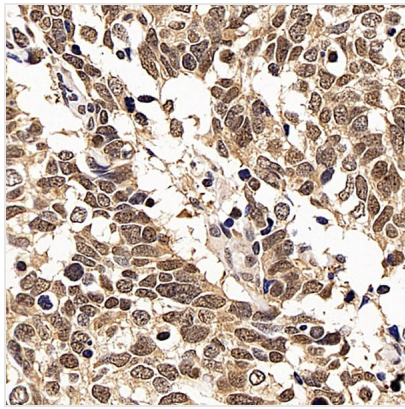
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat spleen cancer using p27 Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human liver cancer using p27 Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded human lung cancer using p27 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-p27 antibody	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).
Product Categories/Family for anti-p27 antibody	Cancer; Cell Biology; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757962
NCBI GeneID	1027
NCBI Accession #	NP_004055.1
NCBI GenBank Nucleotide #	NM_004064.4
UniProt Accession #	P46527; Q16307; Q5U0H2; Q9BUS6
Molecular Weight	22,073 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 1B
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 1B
NCBI Official Symbol	CDKN1B
NCBI Official Synonym Symbols	KIP1; MEN4; CDKN4; MEN1B; P27KIP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 1B
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1B
UniProt Gene Name	CDKN1B
UniProt Synonym Gene Names	KIP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.