

Rabbit anti-Human, Mouse p57 Kip2 Polyclonal Antibody | anti-p57Kip2 antibody

Rabbit anti-p57 Kip2 (pT310) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA221033	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

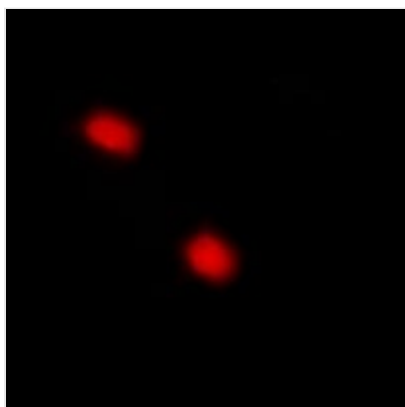
PRODUCT SYNONYMS

p57 Kip2; Polyclonal Antibody; Rabbit anti-p57 Kip2 (pT310) Antibody; KIP2; Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57; p57Kip2; anti-p57Kip2 antibody

PRODUCT SPECIFICATIONS

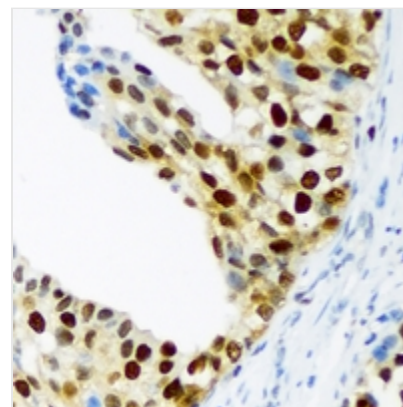
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-p57Kip2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p57 Kip2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



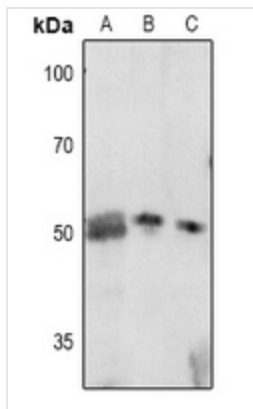
IF (Immunofluorescence)

Immunofluorescent analysis of p57 Kip2 (pT310) staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of p57 Kip2 (pT310) staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of p57 Kip2 (pT310) expression in K562 (A), HeLa (B), HEK293T (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-p57Kip2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557441
NCBI GeneID	1028
NCBI Accession #	NP_000067.1
NCBI GenBank Nucleotide #	NM_000076.2
UniProt Accession #	P49918; P49919
Molecular Weight	32,177 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 1C isoform a
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
NCBI Official Symbol	CDKN1C
NCBI Official Synonym Symbols	BWS; WBS; p57; BWCR; KIP2; p57Kip2
NCBI Protein Information	cyclin-dependent kinase inhibitor 1C; cyclin-dependent kinase inhibitor p57
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1C
UniProt Gene Name	CDKN1C
UniProt Synonym Gene Names	KIP2
UniProt Entry Name	CDN1C_HUMAN

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.