

Rabbit anti-Human p57 Kip2 Polyclonal Antibody | anti-CDKN1C antibody

Phospho-p57 Kip2 (Thr310) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323709	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

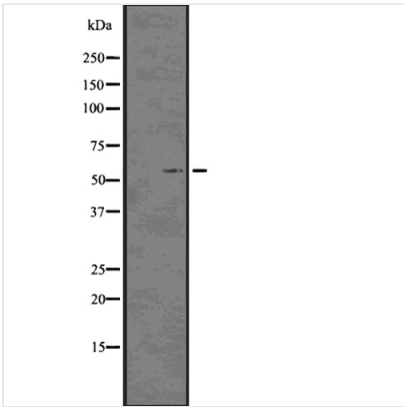
PRODUCT SYNONYMS

p57 Kip2; Polyclonal Antibody; Phospho-p57 Kip2 (Thr310) Antibody; Beckwith Wiedemann syndrome; BWCR; BWS; CDKI; CDKN 1C; CDKN1C; CDN1C_HUMAN; Cyclin dependent kinase inhibitor 1C; Cyclin dependent kinase inhibitor p57; Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57; KIP 2; KIP2; p57; p57 Kip 2; p57KIP2; WBS; anti-CDKN1C antibody

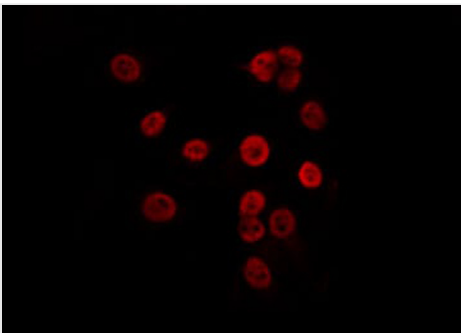
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-p57 Kip2 (Thr310) antibody detects endogenous levels of p57 Kip2 only when phosphorylated at Thr310
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	316
Applicable Applications for anti-CDKN1C antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Phospho-p57 Kip2 (Thr310)
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. Expressed in the eye. High levels are seen in the placenta while low levels are seen in the liver.
Conjugation	Unconjugated
Epitope	Phospho Thr310
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of Phospho-p57 Kip2 (Thr310) using HUVEC whole cell lysates



IF (Immunofluorescence)
AAA323709 staining K562 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN1C antibody	Function: Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life. Subunit Structure: Interacts with PCNA. Similarity: Belongs to the CDI family.
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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
Molecular Weight	Observed: 57 kD Predicted: 33 kDa
NCBI Official Full Name	cyclin-dependent kinase inhibitor 1C isoform a
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 1C
NCBI Official Symbol	CDKN1C
NCBI Official Synonym Symbols	BWS; WBS; p57; BWCR; KIP2; p57Kip2
NCBI Protein Information	cyclin-dependent kinase inhibitor 1C
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1C
UniProt Gene Name	CDKN1C
UniProt Synonym Gene Names	KIP2

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.