

Rabbit p21 Cip1 Polyclonal Antibody | anti-p21 Cip1 antibody

p21 Cip1 (Phospho-Thr145) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316553	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

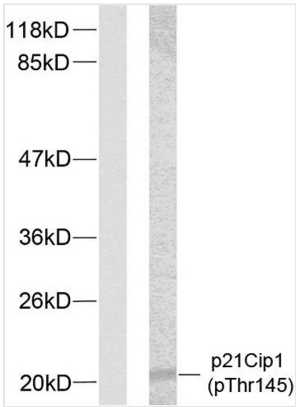
PRODUCT SYNONYMS

p21 Cip1; Polyclonal Antibody; p21 Cip1 (Phospho-Thr145) Antibody; CAP20; CDK-interacting protein 1; CDKN1; CDKN1A; CDN1A; CIP1; Cyclin-dependent kinase inhibitor 1; MDA-6; MDA6; Melanoma differentiation associated protein; Melanoma differentiation associated protein 6; p21; PIC1; SDI1; WAF1; anti-p21 Cip1 antibody

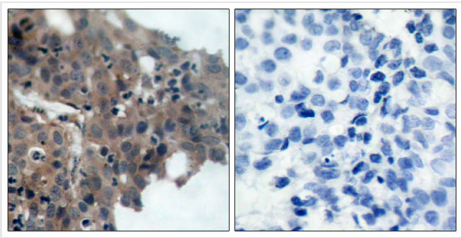
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	p21 Cip1 (Phospho-Thr145) Antibody detects endogenous levels of p21 Cip1 only when phosphorylated at Thr145.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	164
Applicable Applications for anti-p21 Cip1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T145; M:T140; R:T145
Immunogen	The antiserum was produced against synthesized peptide derived from human p21 Cip1 around the phosphorylation site of Thr145.
Immunogen Range	111-160
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from HeLa cells treated with EGF, using p21 Cip1 (Phospho-Thr145) Antibody. The lane on the left is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p21 Cip1 (Phospho-Thr145) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11386203
NCBI GeneID	1026
NCBI Accession #	NP_000380.1
NCBI GenBank Nucleotide #	NM_000389.4
UniProt Accession #	P38936; Q14010; Q6FI05; Q9BUT4
Molecular Weight	17 kDa
NCBI Official Full Name	cyclin-dependent kinase inhibitor 1 isoform 1
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 1A
NCBI Official Symbol	CDKN1A
NCBI Official Synonym Symbols	P21; CIP1; SDI1; WAF1; CAP20; CDKN1; MDA-6; p21CIP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 1
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1
UniProt Gene Name	CDKN1A
UniProt Synonym Gene Names	CAP20; CDKN1; CIP1; MDA6; PIC1; SDI1; WAF1; MDA-6

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.