

anti-Human p21 Cip1 Antibody | anti-p21 Cip1 antibody

p21 Cip1 (Phospho-Thr145) Antibody

CATALOG # AAA267781	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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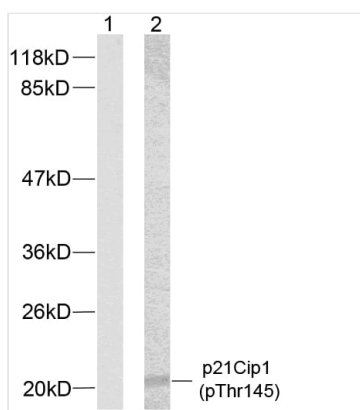
PRODUCT SYNONYMS

p21 Cip1; p21 Cip1 (Phospho-Thr145) Antibody; anti-p21 Cip1 antibody

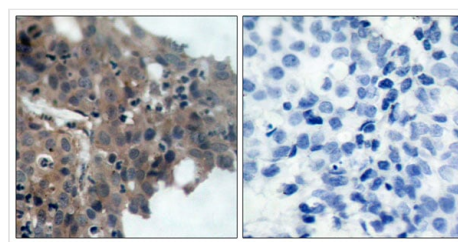
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	p21Cip1 (phospho-Thr145) antibody detects endogenous levels of p21Cip1 only when phosphorylated at threonine 145.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	164
Applicable Applications for anti-p21 Cip1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p21Cip1 around the phosphorylation site of threonine 145 (R-Q-TP-S-M).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


WB (Western Blot)

Western blot analysis of extracts from HeLa cells using p21Cip1 (phospho-Thr145) antibody.


IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p21Cip1 (phospho-Thr145) antibody.

ADDITIONAL INFORMATION

References	Rössig L, et al. (2002) J Biol Chem 277(12): 9684-9689. Rössig L, et al. (2001) Mol Cell Biol 21(16): 5644-5657. Zhou BP, et al. (2001) Nat Cell Biol 3(3): 245-252.
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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	18,119 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-antibody/p21-cip1/267781>