

p16-INK4a Antibody | anti-p16-INK4a antibody

p16-INK4a (Phospho-Ser152) Antibody

CATALOG # AAA110515	REACTIVITY Human (Identities = 100%, Positives = 100%)	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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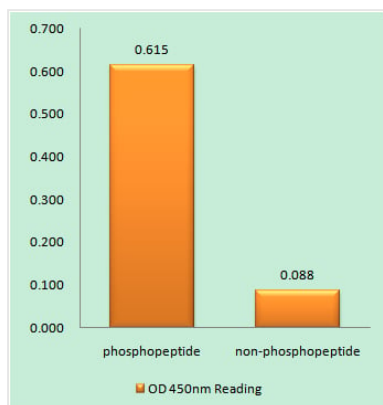
PRODUCT SYNONYMS

p16-INK4a; p16-INK4a (Phospho-Ser152) Antibody; CD2A1; CDK4I; CDKN2; CDKN2A; CDN2; Cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase inhibitor 2A; MTS1; Multiple tumor suppressor 1; p14ARF; p16(INK4a); p16-INK4; P16INK4A; anti-p16-INK4a antibody

PRODUCT SPECIFICATIONS

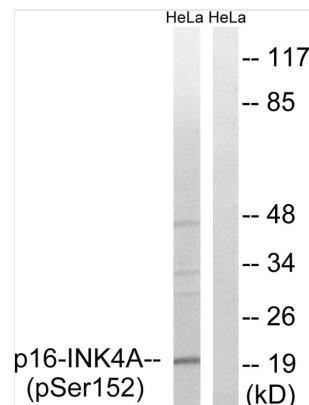
Reactivity	Human (Identities = 100%, Positives = 100%)
Specificity	p16-INK4a (Phospho-Ser152) antibody detects endogenous levels of p16-INK4a only when phosphorylated at serine 152.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	156
Applicable Applications for anti-p16-INK4a antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p16-INK4a around the phosphorylation site of serine 152 (G-P-S ^P -D-I).
Conjugation	AF635
All Sites	Human: Ser152
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



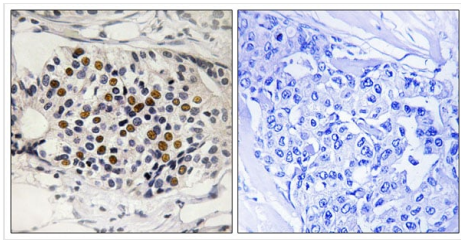
Application Data

p16-INK4a (Phospho-Ser152) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using p16-INK4a (Phospho-Ser152) antibody. Western blot analysis of extracts from HeLa cells, treated with EPO (20U/ml, 15mins), using p16-INK4a (Phospho-Ser152) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-p16-INK4a antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Serrano M., Nature 366:704-707(1993). Robertson K.D., Oncogene 18:3810-3820(1999). Kitagawa Y., J. Biol. Chem. 277:46289-46297(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502749
NCBI GeneID	1029
NCBI Accession #	NP_000068.1
NCBI GenBank Nucleotide #	NM_000077.4
UniProt Accession #	P42771; O95440; Q15191; Q5VVJ5; Q96B52; Q9NP05; A5X2G7; D3DRK1; Q8N726
NCBI Official Full Name	cyclin-dependent kinase inhibitor 2A isoform p16INK4a
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 2A
NCBI Official Symbol	CDKN2A
NCBI Official Synonym Symbols	ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A
NCBI Protein Information	cyclin-dependent kinase inhibitor 2A
UniProt Protein Name	Cyclin-dependent kinase inhibitor 2A
UniProt Gene Name	CDKN2A
UniProt Synonym Gene Names	CDK4I; MTS-1; p16-INK4; p16INK4A

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.

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Online datasheet: <https://www.aaabiotech.com/human-antibody/p16-ink4a/110515>