

## Product Datasheet

### Phospho-P21CIP1(T145) Antibody (orb1931249)

<b>Catalog Number</b>	orb1931249
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	CDKN1A (HGNC:1784)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This P21CIP1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T145 of human P21CIP1.
<b>UniProt ID</b>	<b>P38936</b>
<b>MW</b>	18119 Da
<b>Tested applications</b>	DOT, IHC-P, WB
<b>Dilution range</b>	WB - 1:1000, IHC-P - 1:50-100, DB - 1:500
<b>Antibody Type</b>	Primary Antibody

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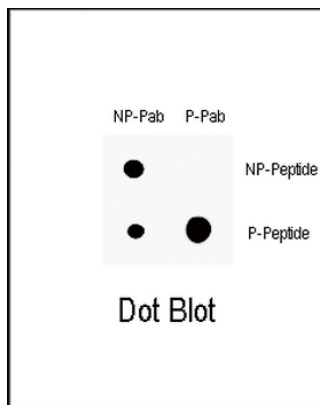
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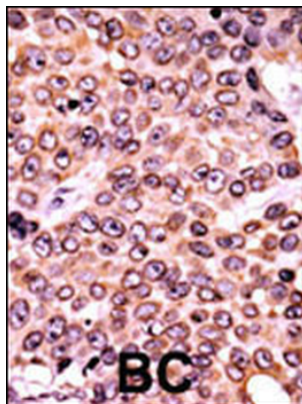
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<a href="#">NP_510867.1</a> , <a href="#">NP_001207707.1</a> , <a href="#">NP_001207706.1</a> , <a href="#">NP_000380.1</a>
<b>Expiration Date</b>	12 months from date of receipt.



Dot blot analysis of anti-Phospho-P21CIP1-T145 Antibody on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibodies working concentration was 0.5ug per ml.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

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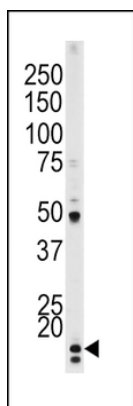
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The anti-Phospho-P21CIP1-T145 Pab is used in Western blot to detect Phospho-P21CIP1-T145 in Hela tissue lysate.

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