

## 35-1495: Polyclonal Antibody to p21Cip1 (Ab-145)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	CDKN1A
<b>Gene ID :</b>	1026
<b>Uniprot ID :</b>	P38936
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CAP20, CDK-interacting protein 1, CDKN1, CDKN1A, CDN1A
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.143~147 (R-Q-T-S-M) derived from Human p21Cip1.

### Description

May be the important intermediate by which p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 21kd, Western blotting: 1:500~1:1000

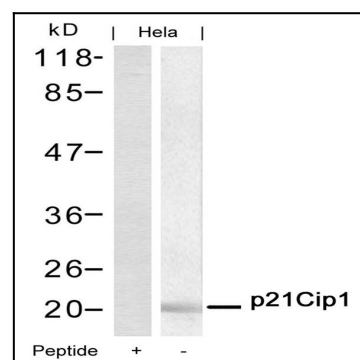


Figure 1: Western blot analysis of extracts from HeLa cells using p21Cip1 (Ab-145) Antibody 35-1495 and the same antibody preincubated with blocking peptide.