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**Product Name: p16 Rabbit Polyclonal Antibody****Catalog #: APRab15580**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	16kDa

**Antigen Information**

<b>Gene Name</b>	CDKN2A CDKN2A; CDKN2; MTS1; Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3; Cyclin-
<b>Alternative Names</b>	dependent kinase 4 inhibitor A; CDK4I; Multiple tumor suppressor 1; MTS-1; p16-INK4a; p16-INK4; p16INK4A
<b>Gene ID</b>	1029.0
<b>SwissProt ID</b>	P42771
<b>Immunogen</b>	Synthesized peptide derived from p16 . at AA range: 90-170

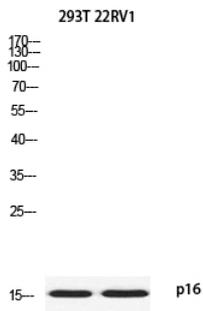
**Background**

p16-INK4A a cell-cycle regulatory protein that Interacts with CDK4 and CDK6, inhibiting their ability to interact with cyclins D. Inhibits the phosphorylation of the retinoblastoma protein by CDK4 or CDK6. Four alternatively spliced isoforms have been reported.

## Research Area

Cell Biology

## Image Data



Western blot analysis of 293T 22RV1 using p16 antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000