

# p16 (phospho Ser326) Polyclonal Antibody

Catalog # AP67759

## Product Information

<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P42771</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	16533

## Additional Information

<b>Gene ID</b>	1029
<b>Other Names</b>	CDKN2A; CDKN2; MTS1; Cyclin-dependent kinase inhibitor 2A; isoforms 1/2/3; Cyclin-dependent kinase 4 inhibitor A; CDK4I; Multiple tumor suppressor 1; MTS-1; p16-INK4a; p16-INK4; p16INK4A
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

<b>Name</b>	CDKN2A ( <a href="#">HGNC:1787</a> )
<b>Synonyms</b>	CDKN2, MTS1
<b>Function</b>	Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.
<b>Cellular Location</b>	Cytoplasm. Nucleus
<b>Tissue Location</b>	Widely expressed but not detected in brain or skeletal muscle. Isoform 3 is pancreas-specific

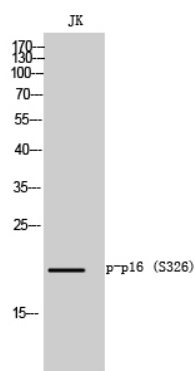
## Background

Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6.

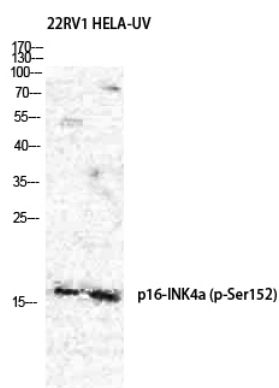
This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.

## Images

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Western Blot analysis of JK cells using Phospho-p16 (S326) Polyclonal Antibody diluted at 1 : 500



Western Blot analysis of 22RV1 HELA cells using Phospho-p16 (S326) Polyclonal Antibody diluted at 1 : 500

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.