
Product Name: CDKN2A/p16INK4a Rabbit Polyclonal Antibody**Catalog #: APRab01394**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 17 kDa; Observed MW: 17 kDa

Antigen Information

Gene Name	CDKN2A CDKN2A; CDKN2; MTS1; Cyclin-dependent kinase inhibitor 2A; isoforms 1/2/3; Cyclin-
Alternative Names	dependent kinase 4 inhibitor A; CDK4I; Multiple tumor suppressor 1; MTS-1; p16-INK4a; p16-INK4; p16INK4A
Gene ID	1029
SwissProt ID	P42771
Immunogen	A synthetic peptide of human CDKN2A/p16INK4a

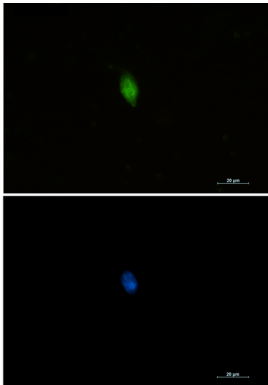
Background

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.

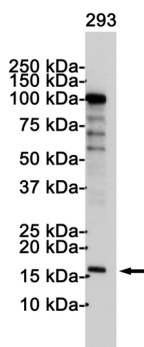
Research Area

Cell Biology

Image Data



Immunocytochemistry analysis of CDKN2A (green) in 293 using CDKN2A antibody, and DAPI (blue).



Western blot analysis of p16 INK4A in 293 lysates using p16 INK4A antibody.