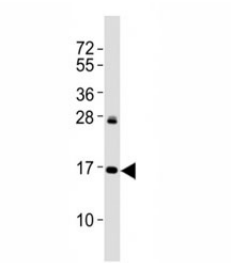
p16INK4a Antibody (F53421)

Catalog No.	Formulation	Size
F53421-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53421-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P42771
Applications	Western blot: 1:2000
Limitations	This p16INK4a antibody is available for research use only.



Western blot testing of p16INK4a antibody at 1:2000 dilution + HeLa lysate; Predicted molecular weight: 17 kDa.

Description

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.

Application Notes

Titration of the p16INK4a antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This p16INK4a antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 145-176 amino acids from human p16-INK4a.

Storage

Aliquot the p16INK4a antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.