

Product Name: CDKN2A/p16INK4a Rabbit Monoclonal Antibody
Catalog #: AMRe01812



Summary

Production Name	CDKN2A/p16INK4a Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	Cdkn2A
Alternative Names	Cdkn2a;P16ink4a;Cyclin-dependent kinase 4 inhibitor A (CDK4I);p16-INK4a ;p16-INK4
Gene ID	12578.0
SwissProt ID	P51480

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 18 kDa; Observed MW: 18 kDa

Product Name: CDKN2A/p16INK4a Rabbit Monoclonal Antibody
Catalog #: AMRe01812



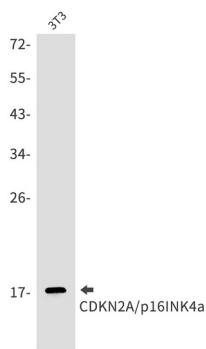
Background

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. Caution The proteins described here are encoded by the gene CDKN2A, but are completely unrelated in terms of sequence and function to tumor suppressor ARF (AC Q64364) which is encoded by the same gene.

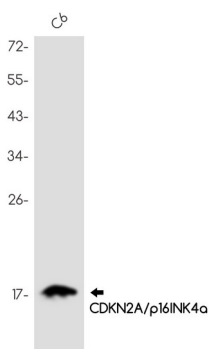
Research Area

Cell Biology

Image Data



Western blot analysis of CDKN2A/p16INK4a in 3T3 lysates using CDKN2A antibody.



Western blot analysis of CDKN2A/p16INK4a in C6 lysates using CDKN2A/p16INK4a antibody.

Note

For research use only.