

CDKN2C antibody

Catalog No: #38340

Package Size: #38340-1 50ul #38340-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

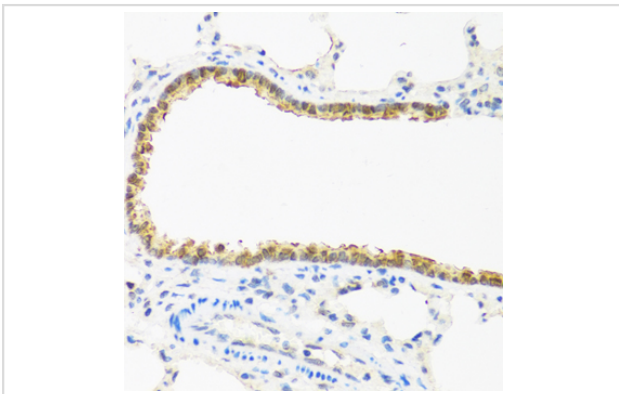
Description

Product Name	CDKN2C antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total CDKN2C protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CDKN2C.
Target Name	CDKN2C
Other Names	p18; INK4C; p18-INK4C;
Accession No.	Swiss-Prot#: P42773NCBI Gene ID: 1031
Uniprot	P42773
GeneID	1031;
SDS-PAGE MW	18kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

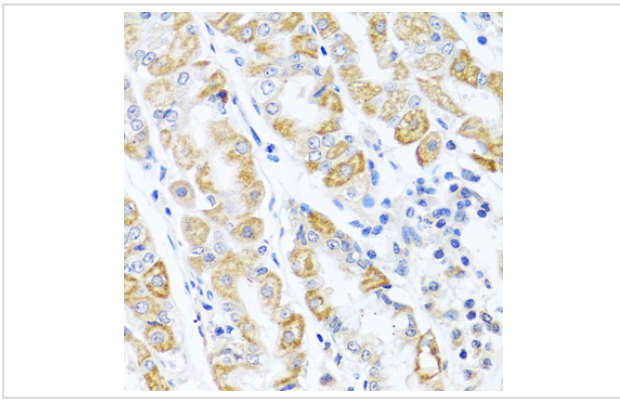
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:100IF 1:50 - 1:100

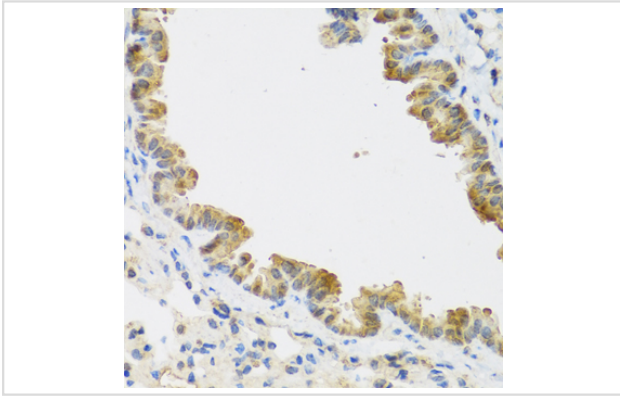
Images



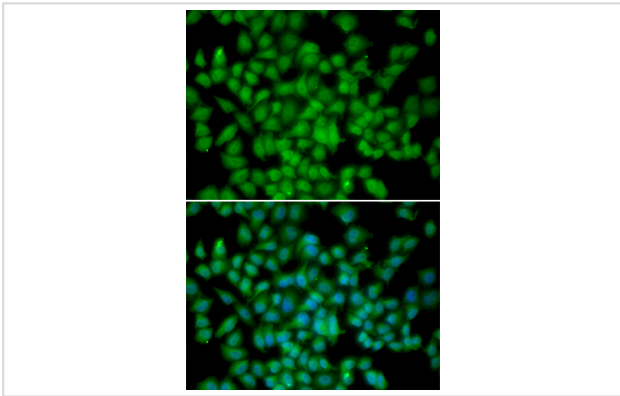
Immunohistochemistry of paraffin-embedded rat lung using CDKN2C at dilution of 1:100 (40x lens).



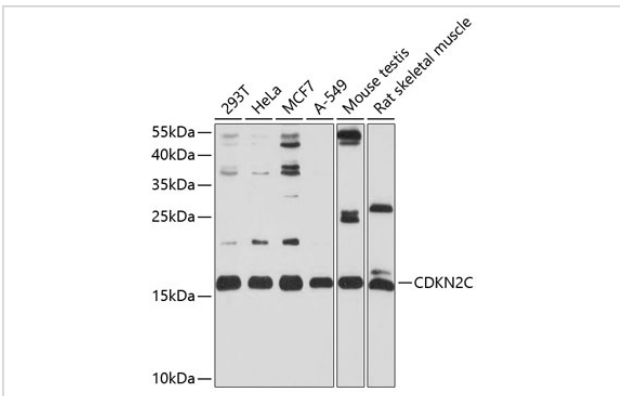
Immunohistochemistry of paraffin-embedded human stomach using CDKN2C at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using CDKN2C at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using CDKN2C . Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CDKN2C at 1:1000 dilution.

Background

The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to interact with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. Ectopic expression of this gene was shown to suppress the growth of human cells in a manner that appears to correlate with the presence of a wild-type RB1 function. Studies in the knockout mice suggested the roles of this gene in regulating spermatogenesis, as well as in suppressing tumorigenesis. Two alternatively spliced transcript variants of this gene, which encode an identical protein, have been reported.

Note: This product is for in vitro research use only