

CDKN2C/p18-INK4C Rabbit Polyclonal Antibody



CAB2042

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

18kDa

Calculated MW:

18kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

1031

Uniprot

P42773

Synonyms:

CDKN2C; INK4C; p18; p18-INK4C

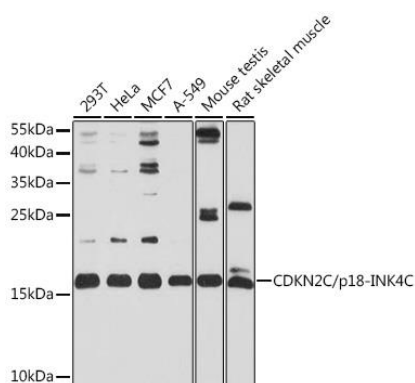
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-168 of human CDKN2C/p18-INK4C (NP_523240.1).

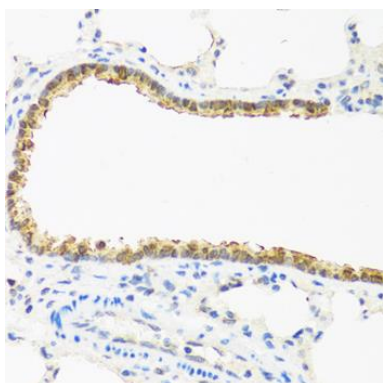
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

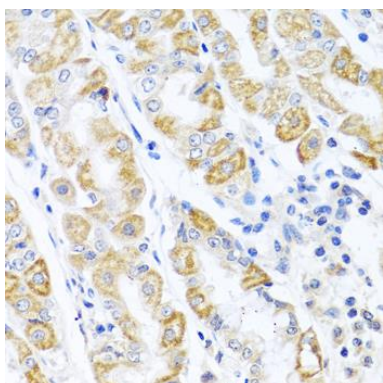
Product Images



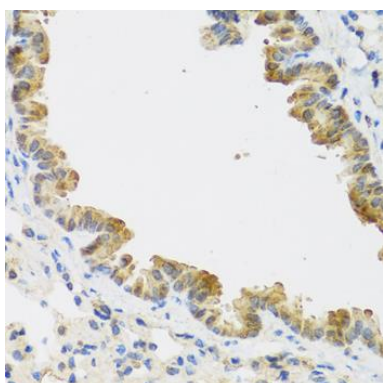
Western blot analysis of extracts of various cell lines, using CDKN2C/p18-INK4C antibody (CAB2042) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded rat lung using CDKN2C/p18-INK4C antibody (CAB2042) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using CDKN2C/p18-INK4C antibody (CAB2042) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using CDKN2C/p18-INK4C antibody (CAB2042) at dilution of 1:100 (40x lens).