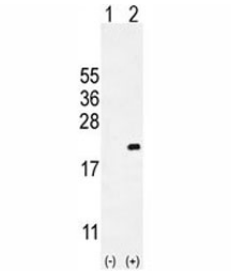
CDKN2C Antibody (F41067)

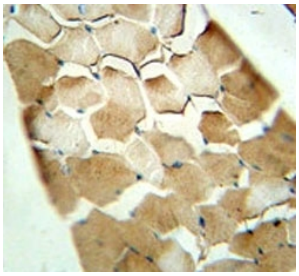
Catalog No.	Formulation	Size
F41067-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41067-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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	P42773
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This CDKN2C antibody is available for research use only.



Western blot analysis of CDKN2C antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the CDKN2C gene.



CDKN2C antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.

Description

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.

Application Notes

Titration of the CDKN2C antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 113-139 from the human protein was used as the immunogen for this CDKN2C antibody.

Storage

Aliquot the CDKN2C antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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