

CDKN2C rabbit monoclonal antibody

Catalog # H00001031-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CDKN2C peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDKN2C is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CDKN2C peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CDKN2C

Entrez GeneID [1031](#)

GeneBank Accession# [CDKN2C](#)

Gene Name CDKN2C

Gene Alias INK4C, p18, p18-INK4C

Gene Description cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)

Omim ID [603369](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

CDK6 inhibitor p18|OTTHUMP00000009730|OTTHUMP00000009731|OTTHUMP00000046546|cyclin-dependent inhibitor|cyclin-dependent kinase 4 inhibitor C|cyclin-dependent kinase 6 inhibitor p18|cyclin-dependent kinase inhibitor 2C

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 1](#)
- [Multiple Myeloma](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)