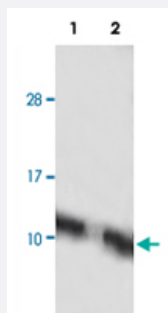


# CDKN2C polyclonal antibody

Catalog # PAB19808

Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of 293 (Lane 1) and HeLa (Lane 2) cell lysate with CDKN2C polyclonal antibody (Cat # PAB19808) at 1:1000 dilution.

## Specification

|                            |   |
|----------------------------|---|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of CDKN2C.  |
| <b>Immunogen</b>           | A synthetic peptide corresponding to 15 amino acids at C-terminus of human CDKN2C.                                      |
| <b>Host</b>                | Rabbit  |
| <b>Reactivity</b>          | Human   |
| <b>Form</b>                | Liquid  |
| <b>Recommend Usage</b>     | ELISA (1:160000)<br>Western Blot (1:200-500)<br>The optimal working dilution should be determined by the end user.      |
| <b>Storage Buffer</b>      | In serum (0.02% sodium azide)   |
| <b>Storage Instruction</b> | Store at 4°C for three months. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |

## Applications

- Western Blot (Cell lysate)

Western blot analysis of 293 (Lane 1) and HeLa (Lane 2) cell lysate with CDKN2C polyclonal antibody (Cat # PAB19808) at 1:1000 dilution.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — CDKN2C

Entrez GeneID [1031](#)

Protein Accession# [P42773](#)

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](#)