

DNAxPAb

Hard-to-Find
Antibody

CDKN2C DNAxPab

Catalog # H00001031-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CDKN2C DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAEPWGNELASAAARGDLEQLTSLQNNVNVNAQNGFGRTALQVMKLGNPEIARRLLLRGANPD LKDRTGFAVIHDAARAGFLDTLQTLLEFQADVNIEDNEGNLPLHLAAKEGHLRVVEFLVKHTASNV GHRNHKGDTACDLARLYGRNEVVSLMQANGAGGATNLQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CDKN2C

Entrez GeneID [1031](#)

GeneBank Accession# [NM_001262.2](#)

Protein Accession# [NP_001253.1](#)

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](#)