

DNAxPAb

Hard-to-Find
Antibody

CDKN2D DNAxPab

Catalog # H00001032-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CDKN2D DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLLEEV RAGDRLSGAAARGDVQEVRRLHRELVHPDALNRFGKTALQVMMFGSTAIALELLKQG ASPNVQDTSGTSPVHDAARTGFLDTLKVLEHGADVNPDTGALPIHLAVQEGHTAVVSFLAA ESDLHRRDARGLTPLELALQRGAQDLVDILQGHMVAPL
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 — CDKN2D

Entrez GeneID [1032](#)

GeneBank Accession# [NM_001800.3](#)

Protein Accession# [NP_001791.1](#)

Gene Name CDKN2D

Gene Alias INK4D, p19, p19-INK4D

Gene Description cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)

Omim ID [600927](#)

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 form a stable complex 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. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis. Two alternatively spliced variants of this gene, which encode an identical protein, have been reported. [provided by RefSeq]

Other Designations CDK inhibitor p19INK4d|cell cycle inhibitor, Nur77 associating protein|cyclin-dependent kinase 4 inhibitor D p19|cyclin-dependent kinase inhibitor 2D|inhibitor of cyclin-dependent kinase 4d

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 1](#)

- [Neoplasm Invasiveness](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)