

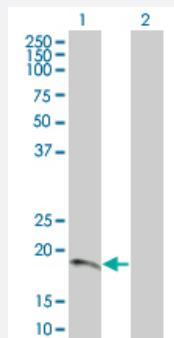
MaxPab®

CDKN2D MaxPab mouse polyclonal antibody (B02P)

Catalog # H00001032-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CDKN2D expression in transfected 293T cell line ([H00001032-T03](#)) by CDKN2D MaxPab polyclonal antibody.

Lane 1: CDKN2D transfected lysate(18.26 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDKN2D protein.
Immunogen	CDKN2D (NP_001791, 1 a.a. ~ 166 a.a) full-length human protein.
Sequence	MLLEEVRAGDRLSGAAARGDVQEVRRLHRELVHPDALNRFGKTALQVMMFGSTIALELLKQG ASPNVQDTSGTSPVHDAARTGFLDTLKVLEHGADVNPDPGTGALPIHLAVQEGHTAVVSFLAA ESDLHRRDARGLTPLELALQRGAQDLVDILQGHEMVAPL
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — CDKN2D

Entrez GeneID [1032](#)

GeneBank Accession# [NM_001800](#)

Protein Accession# [NP_001791](#)

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](#)