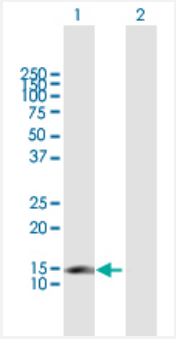
MaxPab®

CDKN2C purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00001031-B02P Size 50 ug

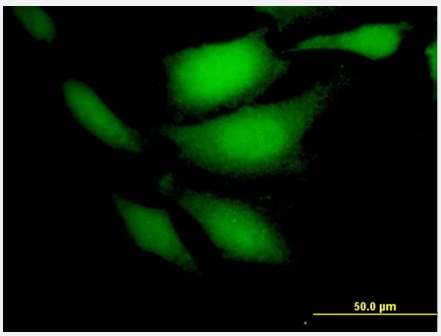
Applications



Western Blot (Transfected lysate)

Western Blot analysis of CDKN2C expression in transfected 293T cell line (H00001031-T02) by CDKN2C MaxPab polyclonal antibody.

Lane 1: CDKN2C transfected lysate(18.48 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDKN2C on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDKN2C protein.
Immunogen	CDKN2C (NP_001253.1, 1 a.a. ~ 168 a.a) full-length human protein.
Sequence	MAEPWGNELASAAARGDLEQLTSLLQNNVNVNAQNGFGRTALQVMKLGNPEIARRLLLRGANPD LKDRTGFAVIHDAARAGFLDTLQTLLEFQADVNIEDNEGNLPLHLAAKEGHLRVVEFLVKHTASNV GHRNHKGDTACDLARLYGRNEVVSLMQANGAGGATNLQ
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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- Western Blot (Transfected lysate)

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  Protocol Download

- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to CDKN2C on HeLa cell. [antibody concentration 10 ug/ml]

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