

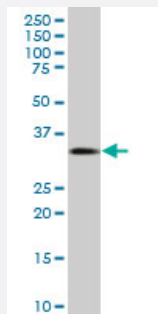
MaxPab®

CDKN1B MaxPab mouse polyclonal antibody (B01)

Catalog # H00001027-B01

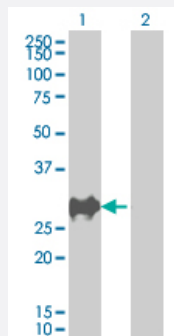
Size 50 uL

Applications



Western Blot (Tissue lysate)

CDKN1B MaxPab polyclonal antibody. Western Blot analysis of CDKN1B expression in human skeletal muscle.

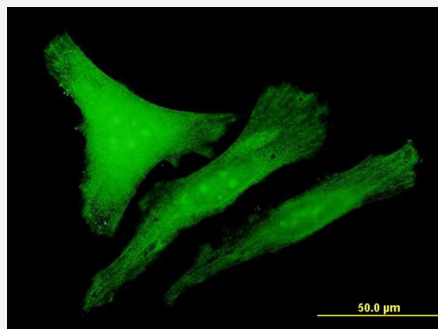


Western Blot (Transfected lysate)

Western Blot analysis of CDKN1B expression in transfected 293T cell line ([H00001027-T01](#)) by CDKN1B MaxPab polyclonal antibody.

Lane 1: CDKN1B transfected lysate(21.89 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDKN1B on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CDKN1B protein.

Immunogen	CDKN1B (AAH01971, 1 a.a. ~ 198 a.a) full-length human protein.
Sequence	MSNVRVSNNGSPSLERMDARQAEHPKPSACRNLFGPVDHEELTRDLEKHCRDMEEASQRKWNF DFQNHKPLEGKYEWQEVEKGSLEPFYYRPPRPPKGACKVPAQESQDGSGSRPAAPLIGAPANS EDTHLVDPKTDPSDSQTGLAEQCAGIRKRPATGDSSTQNKRANRTEENVSDGSPNAGSVEQTP KKPGLRRRQT
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

CDKN1B MaxPab polyclonal antibody. Western Blot analysis of CDKN1B expression in human skeletal muscle.

[Protocol Download](#)

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Western Blot analysis of CDKN1B expression in transfected 293T cell line ([H00001027-T01](#)) by CDKN1B MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDKN1B on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — CDKN1B

Entrez GeneID [1027](#)

GeneBank Accession# [BC001971](#)

Protein Accession# [AAH01971](#)

Gene Name	CDKN1B
Gene Alias	CDKN4, KIP1, MEN1B, MEN4, P27KIP1
Gene Description	cyclin-dependent kinase inhibitor 1B (p27, Kip1)
Omim ID	600778 610755
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. [provided by RefSeq]
Other Designations	cyclin-dependent kinase inhibitor 1B

Pathway

- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [ErbB signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

Disease

- [Acromegaly](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Ataxia telangiectasia](#)
- [Atherosclerosis](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
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- [Chromosome Aberrations](#)
- [Cognition](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
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- [Lymphoma](#)
- [Mouth Neoplasms](#)
- [Multiple endocrine neoplasia](#)

- [Multiple Endocrine Neoplasia Type 1](#)
- [Myocardial Infarction](#)
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- [Neoplasm Metastasis](#)
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- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Parathyroid Neoplasms](#)
- [Precancerous Conditions](#)
- [Primary Ovarian Insufficiency](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)