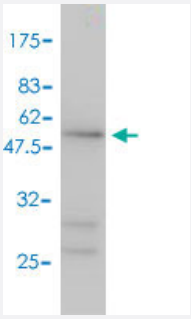
CDKN1B polyclonal antibody (A01)

Catalog # H00001027-A01 Size 50 uL

Applications



Western Blot detection against Immunogen (47.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant CDKN1B.
Immunogen	CDKN1B (AAH01971, 1 a.a. ~ 198 a.a) full-length recombinant protein with GST tag.
Sequence	MSNVRVSNGSPSLERMDARQAEHPKPSACRNLFGPVDHEELTRDLEKHCRDMEEASQRKWNF DFQNHKPLEGKYEWQEVEKGSLPEFYYRPPRPPKGACKVPAQESQDGSGSRPAAPLIGAPANS EDTHLVDPKTDPSDSQTGLAEQCAGIRKRPATGDSSTQNKRANRTEENVSDGSPNAGSVEQTP KKPGLRRRQT
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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- ELISA
- Western Blot (Recombinant protein)

  Protocol Download

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 CD K inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-C DK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degrad ation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubi quitination by SCF complexes, is required for the cellular transition from quiescence to the prolifer ative 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

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Disease

- Acromegaly
- Adenocarcinoma
- Alzheimer disease
- Ataxia telangiectasia
- Atherosclerosis
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Chromosome Aberrations
- Cognition
- Colon cancer
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Restenosis
- Diabetes Mellitus
- Disease Progression
- Edema
- Endometriosis
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Graft Occlusion
- Head and Neck Neoplasms
- Hyperparathyroidism

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- Kidney Failure
- Leukemia
- Liver Neoplasms
- Lung Neoplasms
- Lymphatic Metastasis
- Lymphoma
- Mouth Neoplasms
- Multiple endocrine neoplasia
- Multiple Endocrine Neoplasia Type 1
- Myocardial Infarction
- Neoplasm Invasiveness
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Parathyroid Neoplasms
- Precancerous Conditions
- Primary Ovarian Insufficiency
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Stomach Neoplasms

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- Thyroid Neoplasms
- Urinary Bladder Neoplasms
- Werner syndrome

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