

## CDKN3 Antibody

Catalog No: #32578

Package Size: #32578-1 50ul #32578-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

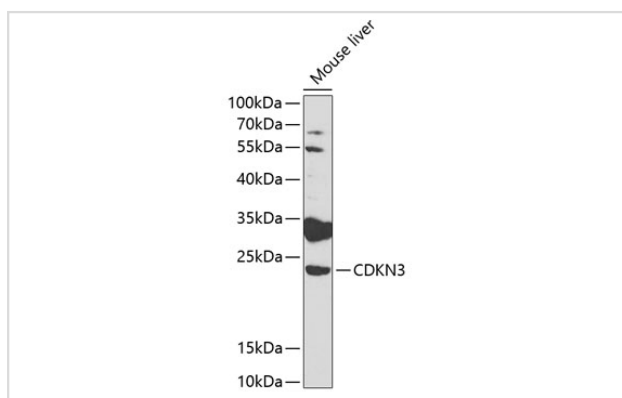
## Description

Product Name	CDKN3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total CDKN3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CDKN3.
Target Name	CDKN3
Other Names	CDI1; CIP2; FLJ25787; KAP; KAP1
Accession No.	Swiss-Prot:Q16667NCBI Gene ID:1033
Uniprot	Q16667
GeneID	1033;
SDS-PAGE MW	24KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

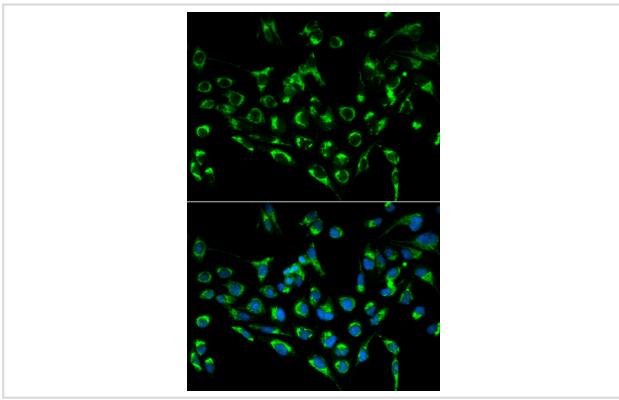
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

## Images



Western blot analysis of extracts of mouse liver, using CDKN3 at 1:1000 dilution.



Immunofluorescence analysis of MCF-7 cells using CDKN3 .  
Blue: DAPI for nuclear staining.

## Background

The protein encoded by this gene belongs to the dual specificity protein phosphatase family. It was identified as a cyclin-dependent kinase inhibitor, and has been shown to interact with, and dephosphorylate CDK2 kinase, thus prevent the activation of CDK2 kinase. This gene was reported to be deleted, mutated, or overexpressed in several kinds of cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only