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Datasheet for ABIN3022822

## anti-CDKN3 antibody (AA 1-172)

### 3 Images

#### Overview

Quantity:	100 µL
Target:	CDKN3
Binding Specificity:	AA 1-172
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-172 of human CDKN3 (NP_001124323.1).
Sequence:	MKPPSSIQTS CKFKDVERRNV QKDTEELKSC GIQDIFVFCT RGELSKYRVP NLLDLYQQCG IITHHHPIAD GGTPDIASCC EIMEELTTCL KNYRKTLIHC YGGLGRSCLV AACLLLYLSD TISPEQAIDS LRDLRGSGAI QTIKQYNYLH EFRDKLAAHL SSRDSQRSV SR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	CDKN3
Alternative Name:	CDKN3 ( <a href="#">CDKN3 Products</a> )
Background:	<p>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.,CDKN3,CDI1,CIP2,KAP,KAP1,Cancer,Signal Transduction,Kinase,Cell Biology &amp; Developmental Biology,Cell Cycle,Endocrine &amp; Metabolism,Insulin Receptor Signaling Pathway,Immunology &amp; Inflammation,CD markers,CDKN3</p>
Molecular Weight:	19 kDa/23 kDa
Gene ID:	1033
UniProt:	<a href="#">Q16667</a>

## Application Details

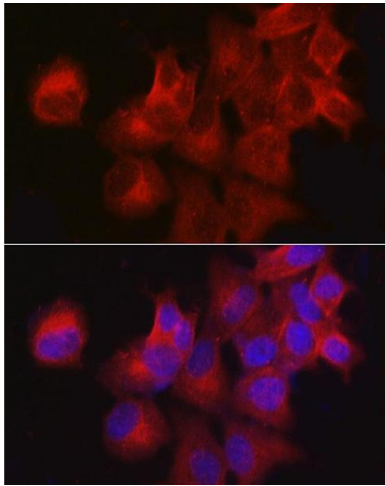
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

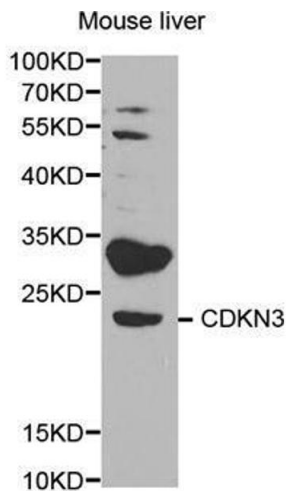
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



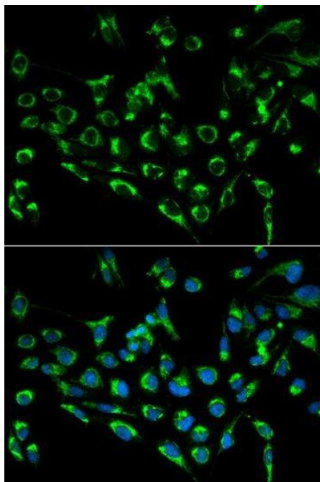
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of MCF7 cells using CDKN3 Rabbit pAb (ABIN3022821, ABIN3022822, ABIN3022823, ABIN1512750 and ABIN6219244) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.**



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of MCF7 cell using CDKN3 antibody. Blue: DAPI for nuclear staining.