## P21;CDKN1A antibody

Catalog Number: 113540



#### **Product name**

P21;CDKN1A antibody

#### **Specificity**

Human, Mouse, Rat; other species not tested.

## **Antibody description**

P21;CDKN1A Rabbit Polyclonal antibody. Positive FC detected in HeLa cells. Positive IHC detected in human kidney tissue, human breast cancer tissue, rat brain tissue. Positive IF detected in myotome of a somite at E11.5 tissue, MCF-7 cells. Positive IP detected in MCF-7 cells. Positive WB detected in MCF-7 cells, HEK-293 cells, HeLa cells, HUVEC cells. Observed molecular weight by Western-blot: 21 kDa

## **Preparation**

This antibody was obtained by immunization of P21;CDKN1A recombinant protein (Accession Number: NM\_001220777). Purification method: Antigen affinity purified.

#### **Formulation**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

#### Storage

Store at -20°C. DO NOT ALIQUOT

#### **Clonality**

Polyclonal

#### Ig Type

Rabbit IgG

#### **Applications**

ELISA, IF, WB, IHC, FC, IP

## **Dilutions**

Recommended Dilution:

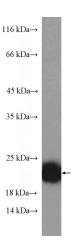
WB: 1:500-1:5000

IP: 1:200-1:1000

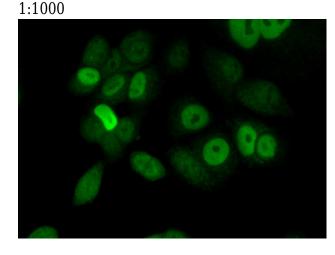
IHC: 1:20-1:200

IF: 1:20-1:200

### **Validations**



MCF-7 cells were subjected to SDS PAGE followed by western blot with Catalog No:113540(P21;CDKN1A Antibody) at dilution of

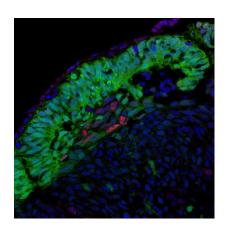


Immunofluorescent analysis of (10% Formaldehyde) fixed MCF-7 cells using Catalog No:113540(P21;CDKN1A Antibody) at dilution of 1:50 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

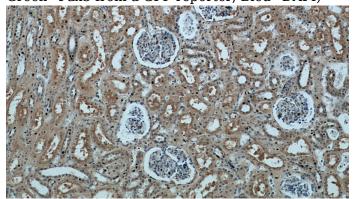
# P21;CDKN1A antibody

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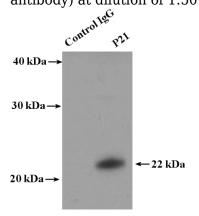




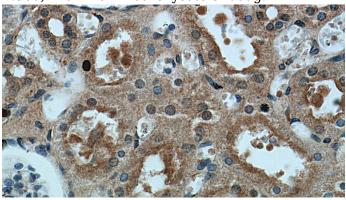
IF result of anti-p21 (CDKN1A, Catalog No:113540) in the myotome of a somite at E11.5 by Dr. Zalc A. and Dr. Relaix F. (Red = p21; Green=Pax3 from a GFP reporter; Bleu=DAPI)



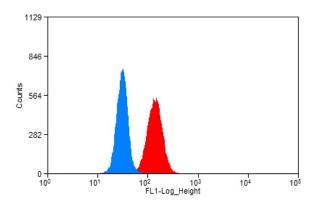
Immunohistochemical of paraffin-embedded human kidney using Catalog No:113540(P21 antibody) at dilution of 1:50 (under 10x lens)



IP Result of anti-P21;CDKN1A (IP:Catalog No:113540, 4ug; Detection:Catalog No:113540 1:300) with MCF-7 cells lysate 3200ug.



Immunohistochemical of paraffin-embedded human kidney using Catalog No:113540(P21 antibody) at dilution of 1:50 (under 40x lens)



1X10^6 HeLa cells were stained with 0.2ug P21;CDKN1A antibody (Catalog No:113540, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.