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Datasheet for ABIN7439048
anti-p21 antibody (AA 1-164)

5 Images

Overview

Quantity:	100 µL
Target:	p21 (CDKN1A)
Binding Specificity:	AA 1-164
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p21 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cyclin Dependent Kinase Inhibitor 1A (CDKN1A)
Immunogen:	Recombinant Cyclin Dependent Kinase Inhibitor 1A (CDKN1A) corresponding to Met1~Pro164 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CDKN1A. It has been selected for its ability to recognize CDKN1A in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

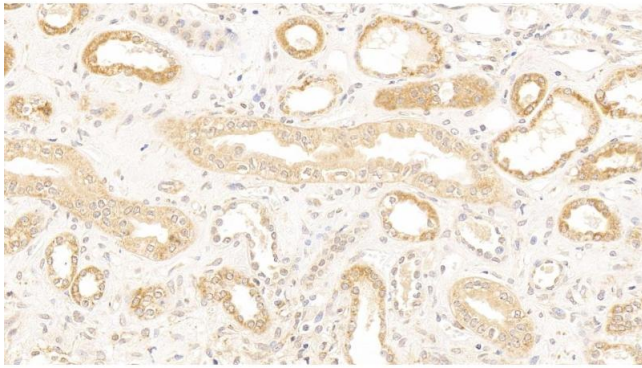
Target:	p21 (CDKN1A)
Alternative Name:	Cyclin Dependent Kinase Inhibitor 1A (CDKN1A Products)
Background:	WAF1, p21, CIP1, p21WAF1, CAP20, CDKN1, MDA-6, SDI1, p21CIP1, CDK-Interacting Protein 1, Melanoma differentiation-associated protein 6
Pathways:	p53 Signaling , PI3K-Akt Signaling , Cell Division Cycle , AMPK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Mitotic G1-G1/S Phases , DNA Replication , Hepatitis C , Synthesis of DNA , Autophagy

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

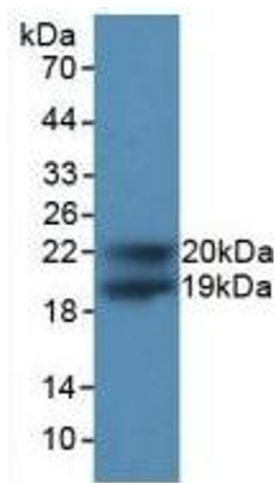
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



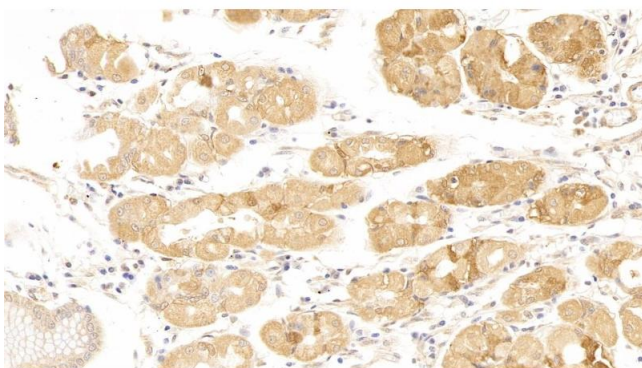
Immunohistochemistry

Image 1. Detection of CDKN1A in Human Kidney Tissue using Polyclonal Antibody to Cyclin Dependent Kinase Inhibitor 1A (CDKN1A)



Western Blotting

Image 2. Detection of Recombinant CDKN1A, Human using Polyclonal Antibody to Cyclin Dependent Kinase Inhibitor 1A (CDKN1A)



Immunohistochemistry

Image 3. Detection of CDKN1A in Human Stomach Tissue using Polyclonal Antibody to Cyclin Dependent Kinase Inhibitor 1A (CDKN1A)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7439048.