

Datasheet for ABIN7442825
anti-CDKN2A antibody (AA 3-155)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CDKN2A
Binding Specificity:	AA 3-155
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cyclin Dependent Kinase Inhibitor 2A (CDKN2A)
Immunogen:	Recombinant Cyclin Dependent Kinase Inhibitor 2A (CDKN2A) corresponding to Ser3~Pro155 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CDKN2A. It has been selected for its ability to recognize CDKN2A in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

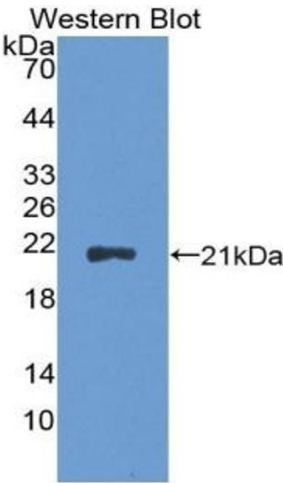
Target:	CDKN2A
Alternative Name:	Cyclin Dependent Kinase Inhibitor 2A (CDKN2A Products)
Background:	P16, ARF, CDK4I, CMM2, INK4, INK4a, MLM, MTS1, TP16, P14, P14ARF, P16INK4a, P19, Melanoma P16, Cyclin-dependent kinase 4 inhibitor A, Multiple tumor suppressor 1
Pathways:	Mitotic G1-G1/S Phases , Stem Cell Maintenance , Positive Regulation of Endopeptidase Activity , Autophagy , Positive Regulation of Response to DNA Damage Stimulus

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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



Western Blotting

Image 1. Detection of Recombinant CDKN2A, Rat using Polyclonal Antibody to Cyclin Dependent Kinase Inhibitor 2A (CDKN2A)