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Datasheet for ABIN7433294 anti-CDK4 antibody (AA 6-295)

5 Images



Overview

Quantity:	100 µL
Target:	CDK4
Binding Specificity:	AA 6-295
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cyclin Dependent Kinase 4 (CDK4)
Immunogen:	Recombinant Cyclin Dependent Kinase 4 (CDK4) corresdonding to Tyr6~Leu295 (Accession # P11802)
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CDK4. It has been selected for its ability to recognize CDK4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details

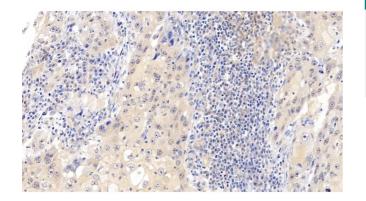
Target Details	
Target:	CDK4
Alternative Name:	Cyclin Dependent Kinase 4 (CDK4 Products)
Background:	CMM3, PSK-J3, Cell division protein kinase 4
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases, Regulation of Cell Size
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL
	1:200-900 Immunohistochemistry: 5-20 µg/mL
	1:20-90 Immunocytochemistry: 5-20 μg/mL
	1:20-90 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 $37^\circ C$ 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

Expiry Date:

24 months

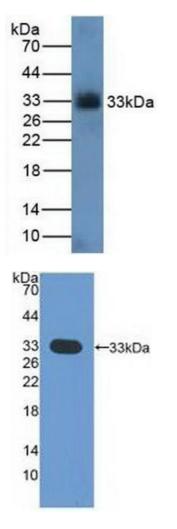
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detectable loss of activity. Avoid repeated freeze-thaw cycles.



Immunohistochemistry

Image 1. Detection of CDK4 in Human Lymphoma Tissue using Polyclonal Antibody to Cyclin Dependent Kinase 4 (CDK4)



Western Blotting

Image 2. Detection of CDK4 in Rat Kidney Tissue using Polyclonal Antibody to Cyclin Dependent Kinase 4 (CDK4)

Western Blotting	
Image 3. Detection of Recombinant CDK4, Huma	n using
Polyclonal Antibody to Cyclin Dependent Kinase 4 (Cl	DK4)

Please check the product details page for more images. Overall 5 images are available for ABIN7433294.

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