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anti-CDK1 antibody (AA 59-181)





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Overview

Quantity:	100 μL
Target:	CDK1
Binding Specificity:	AA 59-181
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cyclin Dependent Kinase 1 (CDK1)
Immunogen:	Recombinant Cyclin Dependent Kinase 1 (CDK1) corresdonding to Arg59~Tyr181 (Accession # P11440)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CDK1. It has been selected for its ability to recognize CDK1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

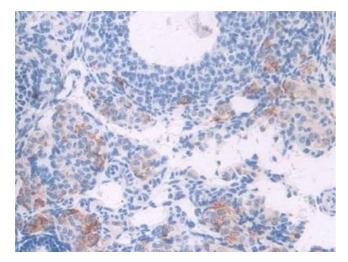
Target:	CDK1
Alternative Name:	Cyclin Dependent Kinase 1 (CDK1 Products)
Background:	CDC2, CDC28A, CDK1, CDC28-A, CDKN1, P34CDC2, p34 protein kinase, Cell Division Control Protein 2 Homolog, Cell Division Cycle 2,G1 To S And G2 To M
Pathways:	Cell Division Cycle, Fc-epsilon Receptor Signaling Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Mitotic G1-G1/S Phases, DNA Replication, M Phase, Toll-Like Receptors Cascades, Synthesis of DNA

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	1:400-1600 Immunohistochemistry: 5-20 μg/mL
	1:40-160 Immunocytochemistry: 5-20 µg/mL
	1:40-160 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

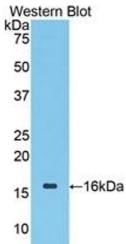
Handling

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



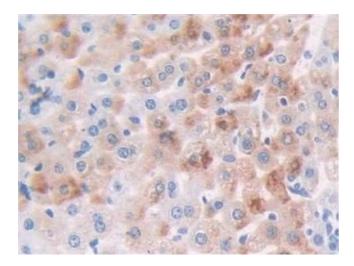
Immunohistochemistry

Image 1. Detection of CDK1 in Mouse Ovary Tissue using Polyclonal Antibody to Cyclin Dependent Kinase 1 (CDK1)



Western Blotting

Image 2. Detection of Recombinant CDK1, Mouse using Polyclonal Antibody to Cyclin Dependent Kinase 1 (CDK1)



Immunohistochemistry

Image 3. Detection of CDK1 in Mouse Liver Tissue using Polyclonal Antibody to Cyclin Dependent Kinase 1 (CDK1)

Please check the product details page for more images. Overall 4 images are available for ABIN7438382.