



## Datasheet for ABIN7000114 anti-CDK9 antibody



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### 1 Image

#### Overview

Quantity:	20 µL
Target:	CDK9
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Immunogen:	Recombinant protein of human CDK9
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	CDK9
Alternative Name:	CDK9 ( <a href="#">CDK9 Products</a> )
Background:	The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and known as important cell cycle regulators. This kinase was found to be a component of the multiprotein complex TAK/P-TEFb, which is an elongation factor for RNA

## Target Details

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polymerase II-directed transcription and functions by phosphorylating the C-terminal domain of the largest subunit of RNA polymerase II. This protein forms a complex with and is regulated by its regulatory subunit cyclin T or cyclin K. HIV-1 Tat protein was found to interact with this protein and cyclin T, which suggested a possible involvement of this protein in AIDS.

Molecular Weight: 43 kDa

UniProt: [P50750](#)

Pathways: [Cell Division Cycle](#)

## Application Details

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Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.2 mg/mL

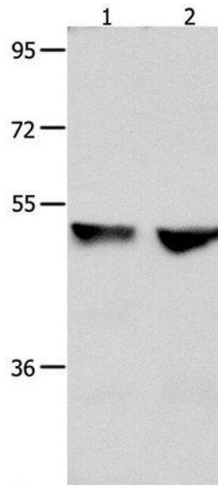
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western Blot analysis of 823 and Hela cell using CDK9 Polyclonal Antibody at dilution of 1:300