

Datasheet for ABIN7239791

**anti-CDK7 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	CDK7
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant protein of human CDK7
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	CDK7
Alternative Name:	CDK7 ( <a href="#">CDK7 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>Saccharomyces cerevisiae cdc28</i> , and <i>Schizosaccharomyces pombe cdc2</i> , and are known to be important regulators of cell cycle progression. This protein forms a trimeric complex with cyclin H and

## Target Details

MAT1, which functions as a Cdk-activating kinase (CAK). It is an essential component of the transcription factor TFIIH, that is involved in transcription initiation and DNA repair. This protein is thought to serve as a direct link between the regulation of transcription and the cell cycle.

Molecular Weight: 39 kDa

UniProt: [P50613](#)

Pathways: [Cell Division Cycle](#), [DNA Damage Repair](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Mitotic G1-G1/S Phases](#), [M Phase](#)

## Application Details

Application Notes: WB 1:500-1:2000, IHC 1:15-1:50

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.3 mg/mL

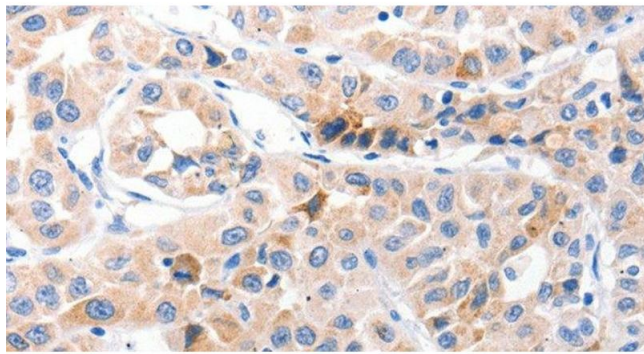
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

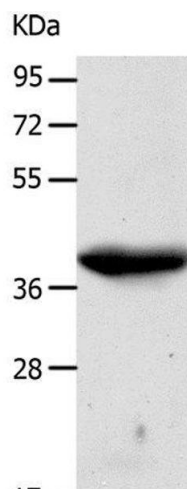
Storage: -20 °C

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



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human lung cancer using CDK7 Polyclonal Antibody at dilution of 1:30



#### Western Blotting

**Image 2.** Western Blot analysis of A549 cell using CDK7 Polyclonal Antibody at dilution of 1:500