

Datasheet for ABIN2613408  
**anti-CDK7 antibody (AA 47-58)**



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1 Image

## Overview

Quantity:	100 µg
Target:	CDK7
Binding Specificity:	AA 47-58
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CDK7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	CDK7 (aa47-58)
Sequence:	HRSEAKDGIN RT
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	CDK7
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## Target Details

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Alternative Name:	<a href="#">CDK7 (CDK7 Products)</a>
Background:	CDK7, cyclin-dependent kinase 7, CAK1, CDKN7, HCAK, MO15, STK1, p39MO15, 39 KDa protein kinase, CAK, CDK-activating kinase 1, TFIIH basal transcription factor complex kinase subunit, cell division protein kinase 7, cyclin-dependent kinase 7 (MO15 homolog,
Gene ID:	1022, 12572, 171150
NCBI Accession:	<a href="#">NP_001790</a>
Pathways:	<a href="#">Cell Division Cycle, DNA Damage Repair, Intracellular Steroid Hormone Receptor Signaling Pathway, Mitotic G1-G1/S Phases, M Phase</a>

## Application Details

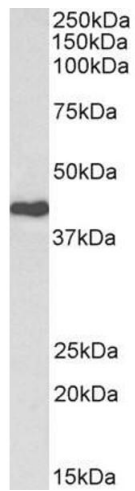
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Application Notes:	Western Blot: Approx 40 kDa band observed in lysates of cell line Jurkat (calculated MW of 39.0 kDa according to NP_001790.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Western Blotting

**Image 1.** ABIN2613408 (0.3 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.