

Datasheet for ABIN391759  
**anti-CDK8 antibody (N-Term)**[Go to Product page](#)

1 Image

1 Publication

## Overview

Quantity:	400 µL
Target:	CDK8
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK8 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This CDK8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CDK8.
Clone:	RB3200
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	CDK8
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## Target Details

Alternative Name:	CDK8 ( <a href="#">CDK8 Products</a> )
Background:	CDK8 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</i> cdc28, and <i>Schizosaccharomyces pombe</i> cdc2, and are known to be important regulators of cell cycle progression. This kinase and its regulatory subunit cyclin C are components of the RNA polymerase II holoenzyme complex, which phosphorylates the carboxy-terminal domain (CTD) of the largest subunit of RNA polymerase II. This kinase has also been shown to regulate transcription by targeting the CDK7/cyclin H subunits of the general transcription initiation factor IIH (TFIIH), thus providing a link between the 'Mediator-like' protein complexes and the basal transcription machinery.
Molecular Weight:	53284
Gene ID:	1024
NCBI Accession:	<a href="#">NP_001251</a>
UniProt:	<a href="#">P49336</a>
Pathways:	<a href="#">Cell Division Cycle</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

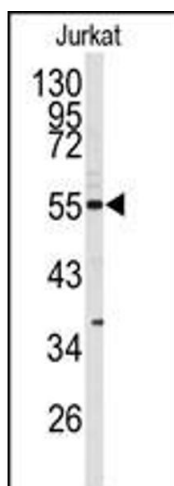
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

## Publications

Product cited in: Bolomini-Vittori, Montresor, Giagulli, Staunton, Rossi, Martinello, Constantin, Laudanna: "Regulation of conformer-specific activation of the integrin LFA-1 by a chemokine-triggered Rho signaling module." in: **Nature immunology**, Vol. 10, Issue 2, pp. 185-94, (2009) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Western blot analysis of CDK8 antibody (N-term) (ABIN391759 and ABIN2841626) in Jurkat cell line lysates (35 µg/lane). CDK8 (arrow) was detected using the purified Pab.