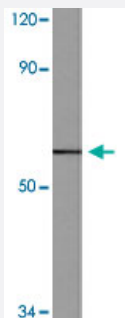


# CDK8 polyclonal antibody

Catalog # PAB26859      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of Raw 264.7 cell lysate treated with LPS. Using CDK8 polyclonal antibody (Cat # PAB26859) at 1:500 dilution.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of CDK8.
<b>Immunogen</b>	A synthetic peptide corresponding to human CDK8.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	~55.0
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	CDK8 polyclonal antibody detects endogenous levels of CDK8 protein.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.09% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of Raw 264.7 cell lysate treated with LPS. Using CDK8 polyclonal antibody (Cat # PAB26859) at 1:500 dilution.

- Immunohistochemistry

## Gene Info — CDK8

**Entrez GeneID**[1024](#)**Protein Accession#**[P49336](#)**Gene Name**

CDK8

**Gene Alias**

K35, MGC126074, MGC126075

**Gene Description**

cyclin-dependent kinase 8

**Omim ID**[603184](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* 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. [provided by RefSeq]

**Other Designations**

CDK8 protein kinase|OTTHUMP00000018158|cell division protein kinase 8|protein kinase K35