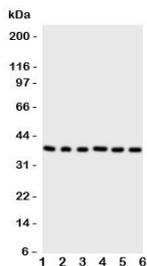


## Cdk7 Antibody (R31241)

Catalog No.	Formulation	Size
R31241	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat, Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q03147
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This Cdk7 antibody is available for research use only.



Western blot testing of Cdk7 antibody and Lane 1: rat testis; 2: rat ovary; 3: HeLa; 4: MCF-7; 5: A549; 6: COLO320 cell lysate. Predicted molecular weight: ~37kDa.

## Description

Cyclin-dependent kinase 7, also known as cell division protein kinase 7, is an enzyme that in humans is encoded by the CDK7 gene. The protein encoded by this gene is a member of the cyclin-dependent protein kinase(CDK) family. The gene was assigned to human chromosome 5q13.2. Serine/threonine kinase involved in cell cycle control and in RNA polymerase II-mediated RNA transcription. CDK7 is the catalytic subunit of the CDK-activating kinase (CAK) complex. It is required for DNA-bound peptides-mediated transcription and cellular growth inhibition.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Cdk7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of mouse Cdk7 (RKRAEALQGGILPKKLIF) was used as the immunogen for this Cdk7 antibody (100% rat homology).

## Storage

After reconstitution, the Cdk7 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.